



in cooperation with U.S. Environmental Protection Agency and U.S. Army Corps of
Engineers

Water Resources Data at the Pike Hill Superfund Site, Corinth, Vermont, October 2004 to September 2006

**U.S. Department of the Interior
U.S. Geological Survey**

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Water-Data Report 2006

011398299 PIKE HILL BR BELOW EUREKA-UNION MINES NEAR BRADFORD, VT

 Upper Connecticut Basin
 Waits Subbasin

LOCATION.--Lat 44°03'50", long 72°18'18" referenced to North American Datum of 1927, Orange County, Hydrologic Unit 01080103, at base of Eureka and Union Mines waste rock, 800 ft upstream from "Pike Hill Brook above Richardson Road" gage, 0.2 mi southwest of Richardson Road and Morrison Road intersection, 0.6 mi upstream from Richardson Road, 2.1 mi southwest of Pike Hill Road and VT 25 intersection at Waits River, 3.5 mi west of Brook Road and VT 25 intersection, and 10.0 mi northwest of US 5 and South Main Street(VT 25B)intersection in Bradford.

 DRAINAGE AREA.--0.05 mi².

WATER-QUALITY RECORDS

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

PERIOD OF RECORD.--Water-quality Field/Lab Sample: Water year 2005.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 6

[Remark codes: <, less than.]

Date	Dissolved oxygen, mg/L (00300)	pH, water, field, unfltrd (00400)	Specif. conductance, wat unf (00095)	Temper-ature, 25 degC (00010)	Calcium water, filtrd, (00915)	Calcium water, unfltrd (00916)	Magnes-ium, recover-able, (00925)	Magnes-ium, recover-able, (00927)	Potas-sium, water, unfltrd (00935)	Potas-sium, water, unfltrd (00937)	Sodium, water, unfltrd (00930)	Sodium, water, unfltrd (00929)	Chlor-ide, water, filtrd, (00940)
Oct 20...	10	3.3	635	8.8	88	80.4	11.4	10.7	4.4	4.1	2.1	1.96	6.7
Aug 02...	8	3.1	1,060	27.7	77.5	78.6	10.3	10.4	4.49	4.52	1.88	1.86	6

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 2 of 6

[Remark codes: <, less than.]

Date	Fluor-ide, water, filtrd, (00950)	Silica, water, filtrd, (00955)	Silica, water, unfltrd (00956)	Sulfate water, filtrd, (00945)	Nitrite + nitrate as N (00631)	Phos-phorus, water, filtrd, (00666)	Phos-phorus, water, unfltrd (00665)	Alum-inum, water, filtrd, (01106)	Alum-inum, water, unfltrd (01105)	Anti-mony, water, filtrd, (01095)	Anti-mony, water, unfltrd (01097)	Arsenic water, filtrd, (01000)	Arsenic water, unfltrd (01002)
Oct 20...	2.7	41.5	39.4	394	<.08	<.01	<.01	11,000	10,400	<.3	<.3	<1	<1
Aug 02...	.6	48.3	49.1	418	<.08	<.01	<.01	8,930	9,070	<.3	<.3	<1	<1

011398299 PIKE HILL BR BELOW EUREKA-UNION MINES NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 3 of 6

[Remark codes: <, less than.]

Date	Barium, water, fltrd, ug/L (01005)	Barium, water, recover -able, ug/L (01007)	Beryll- ium, water, fltrd, ug/L (01010)	Beryll- ium, water, recover -able, ug/L (01012)	Bismuth water, fltrd, ug/L (01015)	Bismuth water, unfltrd, ug/L (01017)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd, ug/L (01027)	Cesium, water, fltrd, ug/L (01115)	Cesium, water, unfltrd, ug/L (01117)	Cesium, water, fltrd, ug/L (01117)	Chrom- ium, water, unfltrd, recover -able, ug/L (01030)	Chrom- ium, water, fltrd, ug/L (01034)	Cobalt water, ug/L (01035)
Oct 20...	15.3	15	.7	.7	<.2	<.2	11.7	11.6	1.1	1.1	2.6	2.7	226	
Aug 02...	18	18.6	.8	.7	<.2	<.2	9.3	9.34	1.4	1.4	1.8	1.7	233	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 4 of 6

[Remark codes: <, less than.]

Date	Cobalt water, unfltrd, recover -able, ug/L (01037)	Copper water, unfltrd, recover -able, ug/L (01040)	Copper water, fltrd, ug/L (01042)	Gallium water, fltrd, ug/L (01120)	Gallium water, unfltrd, ug/L (01122)	German- ium, water, fltrd, ug/L (01125)	German- ium, water, unfltrd, ug/L (01127)	Iron, water, fltrd, ug/L (01046)	Iron, water, unfltrd, recover -able, ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, unfltrd, recover -able, ug/L (01051)	Lithium water, fltrd, ug/L (01130)	Lithium water unfltrd, recover -able, ug/L (01132)
Oct 20...	218	2,910	2,900	.31	.31	<.05	<.05	22,200	21,900	2.2	2.4	16	14.4
Aug 02...	236	1,980	2,020	.42	.44	.1	.1	23,100	23,700	2.8	2.9	16.5	16.4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 5 of 6

[Remark codes: <, less than.]

Date	Mangan- ese, water, fltrd, ug/L (01056)	Mangan- ese, water, recover -able, ug/L (01055)	Molyb- denum, water, fltrd, ug/L (01060)	Molyb- denum, water, unfltrd, recover -able, ug/L (01062)	Nickel, water, fltrd, ug/L (01065)	Nickel, water, unfltrd, recover -able, ug/L (01067)	Selen- ium, water, fltrd, ug/L (01145)	Selen- ium, water, unfltrd, ug/L (01147)	Silver, water, fltrd, ug/L (01075)	Silver, water, unfltrd, recover -able, ug/L (01077)	Silver, water, fltrd, ug/L (01077)	Stront- ium, water, unfltrd, recover -able, ug/L (01080)	Stront- ium, water, fltrd, ug/L (01082)	Thall- ium, water, fltrd, ug/L (01057)
Oct 20...	1,400	1,340	<2	<2	31.1	30.4	<1	1.1	<3	<3	<3	210	204	.1
Aug 02...	1,230	1,250	<2	<2	30.5	31	1.9	1.7	<3	<3	<3	201	204	.1

011398299 PIKE HILL BR BELOW EUREKA-UNION MINES NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 6 of 6

[Remark codes: <, less than.]

Date	Thall- ium, water, unfltrd ug/L (01059)	Titan- ium, water, fltrd, ug/L (01150)	Titan- ium, water, unfltrd ug/L (01152)	Vanad- ium, water, fltrd, ug/L (01085)	Vanad- ium, water, unfltrd ug/L (01087)	Ytterb- ium, water, fltrd, ug/L (01194)	Ytterb- ium, water, unfltrd ug/L (01196)	Zinc, water, unfltrd ug/L (01090)	Zinc, water, recover- able, ug/L (01092)
Oct 20...	.1	5	9.6	<.5	<.5	1.54	1.55	2,890	2,790
Aug 02...	.1	5.8	6.2	<.5	<.5	1.23	1.24	2,940	2,960



Water-Data Report 2006

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT

Upper Connecticut Basin
Waits Subbasin

LOCATION.--Lat 44°03'50", long 72°18'07" referenced to North American Datum of 1927, Orange County, Hydrologic Unit 01080103, on right bank, 200 ft southwest of Richardson Road, 4.0 mi west of East Corinth, 4.3 mi upstream of mouth, and 9.9 mi northwest of Bradford.

DRAINAGE AREA.--0.11 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Discharge records: October 2004 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,400 ft above National Geodetic Vertical Datum of 1929, from topographic map.

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued

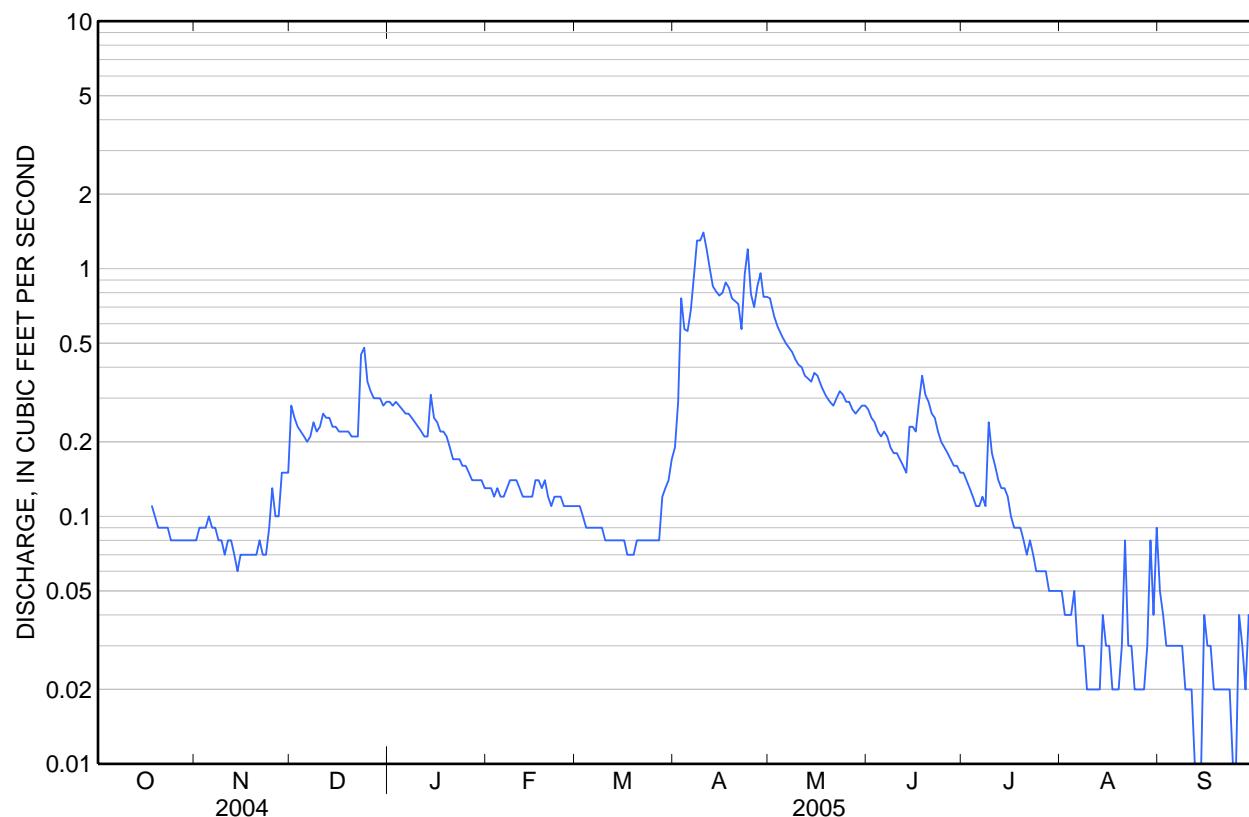
DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[*e*, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	0.08	0.28	0.29	0.13	0.11	0.19	0.76	0.27	0.15	0.05	0.05
2	---	0.09	0.25	0.28	0.13	0.11	0.29	0.67	0.25	0.14	0.04	0.04
3	---	0.09	0.23	0.29	0.12	0.10	0.76	0.60	0.24	0.13	0.04	0.03
4	---	0.09	0.22	0.28	0.13	0.09	0.57	0.56	0.22	0.12	0.04	0.03
5	---	0.10	0.21	0.27	0.12	0.09	0.56	0.53	0.21	0.11	0.05	0.03
6	---	0.09	0.20	0.26	0.12	0.09	0.68	0.50	0.22	0.11	0.03	0.03
7	---	0.09	0.21	0.26	0.13	0.09	0.94	0.48	0.21	0.12	0.03	0.03
8	---	0.08	0.24	0.25	0.14	0.09	1.3	0.46	0.19	0.11	0.03	0.03
9	---	0.08	0.22	0.24	0.14	0.09	1.3	0.43	0.18	0.24	0.02	0.02
10	---	0.07	0.23	0.23	0.14	0.08	e1.4	0.41	0.18	0.18	0.02	0.02
11	---	0.08	0.26	0.22	0.13	0.08	e1.2	0.40	0.17	0.16	0.02	0.02
12	---	0.08	0.25	0.21	0.12	0.08	e1.0	0.37	0.16	0.14	0.02	0.01
13	---	0.07	0.25	0.21	0.12	0.08	e0.85	0.36	0.15	0.13	0.02	0.01
14	---	0.06	0.23	0.31	0.12	0.08	0.81	0.35	0.23	0.13	0.04	0.01
15	---	0.07	0.23	0.25	0.12	0.08	0.78	0.38	0.23	0.12	0.03	0.04
16	---	0.07	0.22	e0.24	0.14	0.08	0.80	0.37	0.22	0.10	0.03	0.03
17	---	0.07	0.22	e0.22	0.14	0.07	0.88	0.34	0.29	0.09	0.02	0.03
18	e0.11	0.07	0.22	e0.22	0.13	0.07	0.84	0.32	0.37	0.09	0.02	0.02
19	e0.10	0.07	0.22	e0.21	0.14	0.07	0.76	0.30	0.31	0.09	0.02	0.02
20	e0.09	0.07	0.21	0.19	0.12	0.08	0.74	0.29	0.29	0.08	0.03	0.02
21	e0.09	0.08	0.21	0.17	0.11	0.08	0.72	0.28	0.26	0.07	0.08	0.02
22	e0.09	0.07	0.21	0.17	0.12	0.08	0.57	0.30	0.25	0.08	0.03	0.02
23	e0.09	0.07	0.45	0.17	0.12	0.08	0.95	0.32	0.22	0.07	0.03	0.02
24	e0.08	0.09	0.48	0.16	0.12	0.08	1.2	0.31	0.20	0.06	0.02	0.01
25	e0.08	0.13	0.35	0.16	0.11	0.08	0.79	0.29	0.19	0.06	0.02	0.01
26	e0.08	0.10	0.32	0.15	0.11	0.08	0.70	0.29	0.18	0.06	0.02	0.04
27	0.08	0.10	0.30	0.14	0.11	0.08	0.85	0.27	0.17	0.06	0.02	0.03
28	0.08	0.15	e0.30	0.14	0.11	0.12	0.96	0.26	0.16	0.05	0.03	0.02
29	0.08	0.15	0.30	0.14	---	0.13	0.77	0.27	0.16	0.05	0.08	0.04
30	0.08	0.15	0.28	0.14	---	0.14	0.77	0.28	0.15	0.05	0.04	0.03
31	0.08	---	0.29	0.13	---	0.17	---	0.28	---	0.05	0.09	---
Total	---	2.66	8.09	6.60	3.49	2.83	24.93	12.03	6.53	3.20	1.06	0.76
Mean	---	0.09	0.26	0.21	0.12	0.09	0.83	0.39	0.22	0.10	0.03	0.03
Max	---	0.15	0.48	0.31	0.14	0.17	1.4	0.76	0.37	0.24	0.09	0.05
Min	---	0.06	0.20	0.13	0.11	0.07	0.19	0.26	0.15	0.05	0.02	0.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2005 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	---	0.09	0.26	0.21	0.12	0.09	0.83	0.39	0.22	0.10	0.03	0.03
Max	---	0.09	0.26	0.21	0.12	0.09	0.83	0.39	0.22	0.10	0.03	0.03
(WY)	(--)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)
Min	---	0.09	0.26	0.21	0.12	0.09	0.83	0.39	0.22	0.10	0.03	0.03
(WY)	(--)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued



01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES
[*e*, estimated]

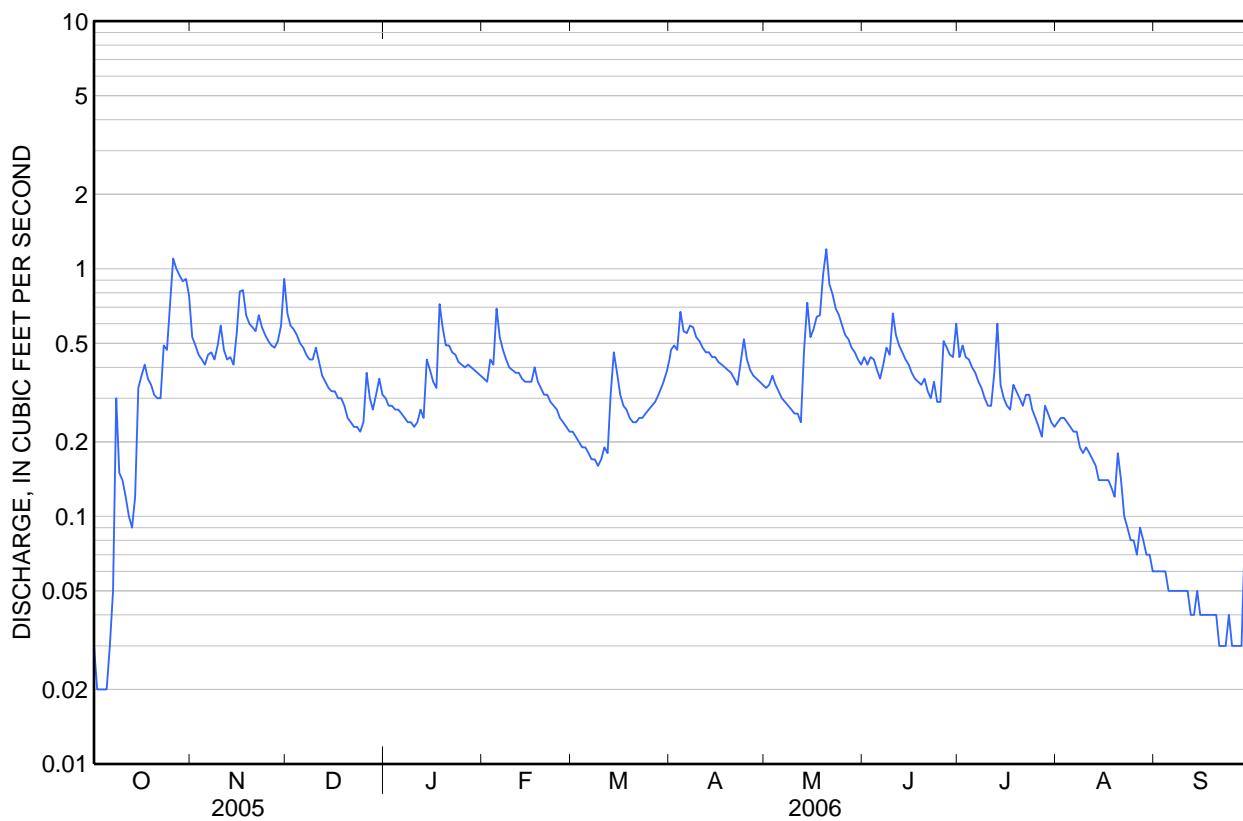
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.03	e0.53	0.66	0.30	0.36	0.22	0.47	0.33	0.44	e0.44	0.24	0.06
2	0.02	0.49	0.59	0.28	0.35	0.21	0.49	0.34	0.41	e0.49	0.25	0.06
3	0.02	0.45	0.57	0.28	0.43	0.20	0.47	0.37	0.44	e0.44	0.25	0.06
4	0.02	0.43	0.54	0.27	0.41	0.19	0.67	0.34	0.43	e0.43	0.24	0.06
5	0.02	0.41	0.50	0.27	0.69	0.19	0.56	0.32	0.39	e0.40	0.23	0.05
6	0.03	0.45	0.48	0.26	0.53	0.18	0.55	0.30	0.36	e0.38	0.22	0.05
7	0.05	0.46	0.45	0.25	0.47	0.17	0.59	0.29	0.41	0.35	0.22	0.05
8	0.30	0.43	0.43	0.24	0.43	0.17	0.58	0.28	0.48	0.33	0.19	0.05
9	0.15	0.49	0.43	0.24	0.40	0.16	0.53	0.27	0.45	0.30	0.18	0.05
10	0.14	0.59	0.48	0.23	0.39	0.17	0.51	0.26	0.66	0.28	0.19	0.05
11	0.12	0.47	0.42	0.24	0.38	0.19	0.48	0.26	0.54	0.28	0.18	0.05
12	0.10	0.43	0.37	0.27	0.38	0.18	0.46	0.24	0.49	0.38	0.17	0.04
13	0.09	0.44	0.35	0.25	0.36	0.31	0.46	0.47	0.46	0.60	0.16	0.04
14	0.12	0.41	0.33	0.43	0.35	0.46	0.44	0.73	0.43	0.34	0.14	0.05
15	0.33	0.55	0.32	e0.39	0.35	0.38	0.44	e0.53	0.41	0.30	0.14	0.04
16	0.37	0.81	0.32	e0.35	0.35	0.31	0.42	0.57	0.38	0.28	e0.14	0.04
17	0.41	0.82	0.30	0.33	0.40	e0.28	0.41	0.64	0.36	0.27	0.14	0.04
18	0.36	0.65	0.30	0.72	e0.35	e0.27	0.40	0.65	0.35	0.34	0.13	0.04
19	0.34	0.60	0.28	0.58	e0.33	0.25	0.39	0.95	0.34	0.32	0.12	0.04
20	0.31	0.58	0.25	0.49	0.31	0.24	0.38	1.2	0.36	0.30	0.18	0.04
21	0.30	0.56	0.24	0.49	0.31	0.24	0.36	e0.87	0.32	0.28	0.14	0.03
22	0.30	0.65	0.23	0.46	0.29	0.25	0.34	0.79	0.30	0.31	0.10	0.03
23	0.49	0.58	0.23	0.45	0.28	0.25	0.42	0.69	0.35	0.31	0.09	0.03
24	0.47	0.54	0.22	0.42	0.27	0.26	0.52	0.65	0.29	0.27	0.08	0.04
25	0.73	0.51	0.24	0.41	0.25	0.27	0.43	0.59	0.29	0.25	0.08	0.03
26	1.1	0.49	0.38	0.40	0.24	0.28	0.39	0.54	0.51	0.23	0.07	0.03
27	1.0	0.48	0.30	0.41	0.23	0.29	e0.37	0.52	0.48	0.21	0.09	0.03
28	e0.94	0.51	0.27	0.40	0.22	0.31	0.36	0.48	0.45	0.28	0.08	0.03
29	0.89	0.59	0.31	0.39	---	0.33	0.35	0.46	0.44	0.26	0.07	0.08
30	0.91	0.91	0.36	0.38	---	0.36	0.34	0.43	0.60	0.24	0.07	0.07
31	e0.78	---	0.31	0.37	---	0.40	---	0.41	---	0.23	0.06	---
Total	11.24	16.31	11.46	11.25	10.11	7.97	13.58	15.77	12.62	10.12	4.64	1.36
Mean	0.36	0.54	0.37	0.36	0.36	0.26	0.45	0.51	0.42	0.33	0.15	0.05
Max	1.1	0.91	0.66	0.72	0.69	0.46	0.67	1.2	0.66	0.60	0.25	0.08
Min	0.02	0.41	0.22	0.23	0.22	0.16	0.34	0.24	0.29	0.21	0.06	0.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2005 - 2006, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.36	0.32	0.32	0.29	0.24	0.17	0.64	0.45	0.32	0.21	0.09	0.04
Max	0.36	0.54	0.37	0.36	0.36	0.26	0.83	0.51	0.42	0.33	0.15	0.05
(WY)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2005)	(2006)	(2006)	(2006)	(2006)	(2006)
Min	0.36	0.09	0.26	0.21	0.12	0.09	0.45	0.39	0.22	0.10	0.03	0.03
(WY)	(2006)	(2005)	(2005)	(2005)	(2005)	(2005)	(2006)	(2005)	(2005)	(2005)	(2005)	(2005)

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued**SUMMARY STATISTICS**

	Calendar Year 2005	Water Year 2006	Water Years 2005 - 2006
Annual total	100.44	126.43	
Annual mean	0.28	0.35	0.35
Highest annual mean			0.35
Lowest annual mean			0.35
Highest daily mean	^a 1.4	Apr 10	1.4
Lowest daily mean	0.01	Sep 12 ^b	0.01
Annual seven-day minimum	0.02	Sep 8	0.02
Maximum peak flow		2.0	2.5
Maximum peak stage		1.44	1.46
Instantaneous low flow		0.01	0.01
10 percent exceeds	0.67	0.58	0.58
50 percent exceeds	0.18	0.34	0.34
90 percent exceeds	0.03	0.07	0.07

^a Estimated^b Also Sep. 13, 14, 24, and 25, 2005^c Also Oct. 3-5^d Also Oct. 2-6^e Also many days in Aug., Sep., and Oct. 2005



Water-Data Report 2006

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT

Upper Connecticut Basin
Waits Subbasin

WATER-QUALITY RECORDS

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

PERIOD OF RECORD--

WATER TEMPERATURE: November 2004 to current year.

SPECIFIC CONDUCTANCE: November 2004 to current year.

pH: November 2004 to current year.

WATER-QUALITY FIELD/LAB SAMPLES: Water year 2005 to current year.

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued
TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October				November				December			
1	---	---	---	---	---	---	3.8	1.0	2.8	2.6	0.7	2.0
2	---	---	---	---	---	---	3.5	2.0	2.5	1.6	0.1	0.8
3	---	---	---	---	---	---	3.2	1.0	2.0	2.9	1.6	2.3
4	---	---	---	---	---	---	1.8	0.0	0.9	2.9	1.6	2.3
5	---	---	---	---	---	---	2.7	0.0	1.3	1.6	0.1	0.8
6	---	---	---	---	---	---	0.8	0.0	0.3	0.8	0.0	0.2
7	---	---	---	---	---	---	1.8	0.1	1.1	1.2	0.4	0.8
8	---	---	---	---	---	---	2.8	1.4	2.5	1.4	0.6	1.0
9	---	---	---	---	---	---	3.2	1.9	2.5	1.5	0.6	1.1
10	---	---	---	---	---	---	3.1	1.6	2.6	2.2	1.0	1.5
11	---	---	---	---	---	---	3.4	2.8	3.2	1.1	0.1	0.5
12	---	---	---	---	---	---	3.2	2.1	2.5	1.4	0.6	1.0
13	---	---	---	---	---	---	3.0	1.3	2.3	2.5	1.4	2.0
14	---	---	---	---	---	---	1.6	0.1	0.4	3.0	0.4	1.6
15	---	---	---	---	---	---	0.2	0.0	0.1	0.5	0.0	0.1
16	---	---	---	---	---	---	0.7	0.1	0.3	0.6	0.0	0.2
17	---	---	---	---	---	---	1.5	0.2	1.0	0.3	0.0	0.1
18	---	---	---	---	---	---	1.3	0.1	0.5	0.0	0.0	0.0
19	---	---	---	5.7	2.6	4.7	2.2	0.7	1.8	0.3	0.0	0.1
20	---	---	---	4.0	1.6	2.8	0.7	0.1	0.2	0.7	0.3	0.6
21	---	---	---	4.4	2.4	3.7	0.8	0.1	0.4	0.4	0.1	0.3
22	---	---	---	5.2	2.8	3.9	1.9	0.7	1.3	0.8	0.1	0.4
23	---	---	---	3.5	1.7	2.5	2.7	1.4	2.2	0.9	0.8	0.9
24	---	---	---	5.6	2.6	4.1	2.5	0.2	1.2	1.1	0.7	0.9
25	---	---	---	8.8	1.9	5.9	0.8	0.0	0.2	1.1	0.9	1.0
26	---	---	---	1.9	0.1	0.7	0.7	0.0	0.4	1.2	0.9	1.1
27	---	---	---	2.6	0.1	1.4	0.6	0.1	0.2	0.9	0.6	0.8
28	---	---	---	4.7	2.6	3.7	1.2	0.1	0.6	0.8	0.6	0.7
29	---	---	---	4.0	2.3	3.0	1.9	1.2	1.6	1.1	0.7	0.9
30	---	---	---	3.6	1.6	2.4	1.5	0.9	1.1	1.3	0.9	1.1
31	---	---	---	---	---	---	2.3	1.0	1.9	1.1	0.6	0.8
Month	---	---	---	---	---	---	3.8	0.0	1.4	3.0	0.0	0.9

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued
TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February				March				April			
1	1.1	0.7	0.8	0.8	0.3	0.6	3.0	0.9	2.0	8.1	4.2	5.7
2	1.0	0.6	0.8	0.8	0.5	0.6	2.5	1.2	1.7	7.5	3.4	5.2
3	1.2	0.5	0.9	0.5	0.2	0.4	2.6	1.5	2.1	8.3	3.5	5.2
4	1.5	1.1	1.2	0.7	0.3	0.5	2.9	1.5	2.1	8.6	3.2	5.1
5	1.6	1.0	1.2	0.8	0.3	0.5	5.7	1.3	2.8	9.8	3.3	5.8
6	1.6	0.9	1.2	0.9	0.4	0.7	6.2	1.8	3.1	10.4	4.0	6.5
7	1.8	0.9	1.3	1.2	0.5	0.9	4.1	1.9	2.7	6.9	4.5	5.4
8	1.7	1.1	1.5	1.1	0.0	0.5	5.2	1.5	2.7	6.6	4.8	5.5
9	2.1	1.0	1.8	0.4	0.0	0.2	5.2	1.1	2.6	12.6	5.3	8.0
10	1.0	0.1	0.4	0.6	0.0	0.4	5.8	1.4	2.9	14.2	5.8	9.3
11	0.3	0.0	0.1	0.7	0.3	0.5	5.0	0.9	2.3	14.4	6.7	9.8
12	1.1	0.1	0.6	0.8	0.4	0.7	4.4	0.6	2.1	10.8	4.5	7.5
13	0.8	0.0	0.4	1.1	0.6	0.8	5.7	1.3	2.9	11.0	3.6	6.6
14	0.6	0.1	0.3	1.1	0.5	0.8	5.4	1.6	3.1	7.5	5.6	6.4
15	1.3	0.5	0.9	1.4	0.7	1.0	6.7	1.0	3.3	7.3	6.4	6.7
16	2.2	0.6	1.3	1.5	0.5	1.0	7.6	1.6	4.0	9.1	6.1	7.1
17	0.9	0.0	0.3	1.3	0.4	0.7	8.3	2.3	4.8	9.8	5.0	7.3
18	0.4	0.0	0.1	1.4	0.5	0.8	8.3	3.0	5.1	8.8	5.9	7.0
19	0.1	0.0	0.0	1.5	0.4	0.8	9.3	2.8	5.6	10.5	5.2	7.3
20	0.1	0.0	0.0	1.6	0.3	0.9	10.2	4.9	6.7	11.8	5.3	8.0
21	0.5	0.0	0.1	2.0	0.3	1.0	8.0	3.1	5.0	10.8	5.7	7.6
22	1.0	0.5	0.8	2.2	0.3	1.1	8.6	2.5	5.1	8.3	6.2	7.1
23	0.9	0.4	0.7	2.0	0.3	1.1	5.0	4.3	4.7	8.3	6.7	7.4
24	0.8	0.3	0.5	2.8	0.9	1.5	7.5	4.8	5.9	10.9	6.5	7.6
25	1.0	0.4	0.7	2.4	0.4	1.4	7.0	4.1	4.9	9.2	6.4	7.5
26	0.8	0.2	0.4	2.6	0.1	1.0	9.1	3.5	5.9	9.7	7.1	8.0
27	0.5	0.2	0.4	3.0	0.1	1.3	6.1	4.9	5.5	11.3	7.3	8.7
28	0.8	0.2	0.5	1.1	0.4	0.8	6.6	4.2	5.3	14.2	7.4	10.1
29	---	---	---	2.5	0.9	1.4	9.3	3.6	5.4	13.1	8.5	9.7
30	---	---	---	4.4	0.7	2.1	7.1	4.2	5.4	11.7	8.0	9.6
31	---	---	---	5.3	1.1	2.7	---	---	---	12.6	8.5	9.9
Month	2.2	0.0	0.7	5.3	0.0	0.9	10.2	0.6	3.9	14.4	3.2	7.4

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued
TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	15.1	8.7	10.7	18.9	14.6	16.1	19.4	15.2	17.0	19.0	15.9	17.2
2	16.8	8.6	12.1	18.4	12.8	15.3	20.3	15.7	17.9	19.2	14.7	16.6
3	16.3	9.5	12.4	19.3	11.7	15.0	20.0	16.6	18.1	17.7	14.4	15.9
4	17.8	10.2	13.3	20.3	12.6	16.0	20.0	15.3	17.5	16.6	13.7	15.2
5	17.6	10.8	13.7	19.6	13.5	16.2	21.1	17.4	18.8	16.7	12.3	14.4
6	16.8	10.9	12.8	15.7	14.2	15.2	18.8	15.5	17.0	17.4	12.5	14.8
7	18.5	11.0	14.0	17.5	13.6	15.0	19.2	14.4	16.8	17.7	13.4	15.3
8	18.5	11.3	13.9	15.4	12.9	14.2	19.9	15.8	17.7	17.6	13.9	15.6
9	19.5	11.2	14.8	14.4	12.9	13.5	20.0	16.6	18.2	16.1	12.9	14.6
10	19.7	12.8	15.5	20.6	12.9	16.1	20.5	17.1	18.7	14.0	10.9	12.4
11	20.2	13.5	16.3	21.0	15.4	17.6	19.9	17.8	18.6	14.2	10.1	12.1
12	19.6	14.0	16.4	20.9	13.9	17.1	18.8	16.7	17.9	17.2	12.3	14.8
13	18.7	15.0	16.4	21.6	15.0	17.5	20.2	18.0	18.9	18.6	15.4	16.8
14	15.7	12.5	14.7	20.6	15.7	17.7	18.4	16.8	17.6	18.9	16.0	17.3
15	12.5	10.0	11.3	21.5	15.3	17.9	18.6	16.2	17.2	17.7	16.4	17.0
16	11.0	9.7	10.3	21.8	14.5	17.5	18.7	16.0	17.2	17.0	15.9	16.4
17	13.0	10.0	11.2	20.6	16.3	18.2	17.8	14.8	16.4	17.4	15.7	16.4
18	15.0	10.2	11.7	20.9	17.1	18.4	15.4	13.1	14.2	16.1	13.5	15.1
19	16.0	10.0	12.0	22.7	16.8	19.4	16.2	12.7	14.5	16.8	12.6	14.5
20	17.6	10.0	13.0	22.0	16.6	18.8	15.7	14.7	15.3	16.2	13.9	14.8
21	18.8	11.1	14.4	21.1	15.4	18.1	19.8	15.7	17.6	16.2	13.1	14.5
22	17.0	10.7	13.7	21.4	16.3	18.0	17.2	15.0	16.1	16.6	13.1	14.7
23	16.7	9.6	12.7	19.5	14.9	16.9	16.1	13.6	14.8	15.1	12.1	14.3
24	16.9	11.0	13.8	18.9	13.6	16.0	15.8	13.8	14.6	13.0	10.1	11.4
25	20.8	12.5	16.1	19.7	14.8	16.9	16.7	13.6	14.9	12.2	9.4	10.9
26	21.1	14.4	17.0	20.2	15.5	17.8	17.0	13.4	15.1	15.3	12.2	13.4
27	20.8	14.4	17.0	19.8	15.8	17.9	17.5	14.1	15.6	14.3	10.6	12.5
28	21.7	14.4	16.8	19.1	14.0	16.3	16.5	15.3	16.0	13.4	9.5	11.3
29	16.8	14.3	15.5	19.3	13.8	16.4	20.2	16.0	17.0	13.5	9.7	11.7
30	20.8	14.2	17.0	18.7	14.9	16.5	17.9	16.8	17.2	11.0	8.3	9.5
31	---	---	---	16.9	13.8	15.3	19.4	16.9	18.0	---	---	---
Month	21.7	8.6	14.0	22.7	11.7	16.7	21.1	12.7	16.9	19.2	8.3	14.4

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
***** THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *****

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	12.4	7.8	9.9	9.6	7.3	8.3	5.1	4.1	4.5	1.6	1.0	1.4
2	13.7	10.1	11.7	8.0	5.8	7.1	4.8	0.3	3.7	2.6	1.3	1.8
3	14.4	11.3	12.6	8.3	5.6	7.1	3.0	1.5	2.3	2.6	0.7	1.8
4	14.8	11.6	13.0	9.3	6.7	7.8	3.4	1.5	2.3	1.8	0.3	1.0
5	15.1	12.3	13.5	9.8	7.7	8.6	3.1	1.8	2.4	2.2	0.4	1.7
6	15.6	12.5	13.9	9.0	8.0	8.5	3.1	1.7	2.5	2.2	0.7	1.7
7	17.9	13.8	15.1	8.5	6.4	7.4	2.2	0.7	1.5	0.7	0.1	0.4
8	16.7	10.9	13.2	7.9	5.1	6.6	1.6	0.7	1.0	1.9	0.7	1.1
9	12.8	10.8	11.7	6.3	4.5	5.3	2.3	0.5	1.7	2.1	1.0	1.7
10	12.8	11.4	12.0	6.9	4.3	5.8	3.1	1.9	2.5	2.1	0.8	1.5
11	14.2	12.1	12.7	5.3	3.9	4.5	3.1	1.4	2.1	2.7	0.8	2.1
12	12.1	9.8	10.9	5.4	3.6	4.4	3.3	0.7	2.2	3.6	1.9	2.6
13	10.8	9.5	10.2	6.6	4.6	5.8	0.7	0.3	0.5	3.4	1.6	2.4
14	12.8	10.5	11.6	7.0	4.7	6.0	0.8	0.3	0.5	---	---	---
15	12.2	10.5	11.7	5.8	4.7	5.3	1.5	0.3	0.7	---	---	---
16	10.9	9.3	10.1	8.0	5.8	6.7	2.2	0.4	1.4	---	---	---
17	10.8	9.0	9.7	6.6	4.6	5.5	2.6	1.7	2.1	---	---	---
18	11.1	9.1	9.9	4.7	3.0	3.7	2.7	1.8	2.3	1.9	0.2	1.4
19	11.7	8.7	10.3	4.5	2.9	3.5	2.3	0.9	1.6	2.1	1.2	1.6
20	10.1	7.3	8.4	5.0	3.3	4.3	2.1	0.7	1.4	3.3	1.4	2.3
21	9.0	6.7	7.5	5.8	4.3	5.0	1.3	0.1	0.8	3.8	0.6	2.4
22	8.8	6.3	7.4	5.3	2.3	4.2	1.7	0.3	1.1	1.0	0.3	0.6
23	8.0	3.9	6.7	3.4	1.6	2.5	2.6	1.6	2.2	1.7	0.3	1.2
24	9.1	7.4	8.1	3.3	1.4	2.4	3.3	2.4	2.8	2.3	0.7	1.5
25	8.1	4.2	6.4	2.9	1.4	2.0	3.7	2.6	3.0	2.7	1.4	1.9
26	6.7	5.1	6.3	3.2	1.6	2.7	3.6	0.9	2.7	1.5	0.1	0.9
27	7.4	6.1	6.5	3.7	2.2	3.1	1.2	0.1	0.7	1.0	0.1	0.5
28	6.7	5.9	6.3	4.5	3.6	4.1	2.2	0.1	1.2	2.2	0.8	1.6
29	6.9	5.4	6.0	6.8	4.4	5.5	3.3	2.2	2.9	2.7	1.0	2.0
30	8.1	5.4	6.5	7.3	4.6	6.3	3.1	0.1	1.2	2.4	1.6	2.1
31	9.1	6.0	7.4	---	---	---	1.2	0.1	0.6	2.6	1.5	2.1
Month	17.9	3.9	9.9	9.8	1.4	5.3	5.1	0.1	1.9	---	---	---

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued
**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

***** THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *****

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
February				March				April				May
1	2.8	1.7	2.1	1.2	0.7	1.0	8.3	3.1	4.5	11.2	4.5	7.2
2	2.7	1.0	1.8	1.5	1.0	1.2	6.8	2.2	3.8	7.4	5.2	6.3
3	2.5	1.3	2.1	1.0	0.6	0.8	5.7	1.7	3.2	7.8	6.0	6.8
4	3.7	1.6	2.6	1.3	0.7	1.0	2.7	0.5	1.9	13.7	6.5	9.4
5	3.6	1.9	2.7	1.5	0.8	1.2	4.1	0.7	2.1	13.6	7.3	9.6
6	2.3	0.6	1.3	1.7	0.8	1.1	5.9	1.2	2.9	11.6	5.8	8.1
7	1.3	0.1	0.5	1.7	0.6	1.0	4.4	2.0	3.1	11.2	4.5	7.2
8	0.8	0.1	0.3	1.7	0.4	1.0	3.8	1.3	2.5	12.6	4.7	8.1
9	0.8	0.0	0.2	1.5	1.0	1.2	6.5	0.9	3.0	11.1	5.9	8.2
10	0.5	0.1	0.2	1.7	1.4	1.6	7.7	1.6	3.9	12.4	7.3	9.2
11	0.8	0.1	0.3	2.9	1.3	1.9	7.5	2.1	4.3	11.7	8.0	9.3
12	1.1	0.3	0.6	2.8	1.0	1.7	9.0	2.9	5.5	9.4	7.9	8.6
13	1.2	0.2	0.6	2.3	0.5	1.8	9.4	4.2	6.1	8.0	7.1	7.7
14	1.7	0.8	1.2	3.7	0.9	2.1	9.9	3.5	6.1	8.5	7.1	7.5
15	2.4	1.2	1.7	1.7	0.0	0.7	10.5	5.2	6.8	9.0	7.2	7.9
16	3.0	1.5	2.2	2.1	0.0	0.6	6.1	4.1	4.7	8.8	7.2	7.7
17	2.6	0.1	1.6	1.3	0.0	0.2	6.7	3.7	4.7	11.7	6.9	8.4
18	0.1	0.0	0.1	0.7	0.0	0.2	10.4	3.9	6.5	12.0	7.7	8.9
19	0.3	0.1	0.1	0.9	0.1	0.3	10.6	4.3	6.7	8.5	7.4	8.1
20	1.0	0.1	0.5	0.9	0.1	0.3	11.2	4.6	7.1	9.7	7.0	8.0
21	1.2	0.2	0.7	1.5	0.1	0.7	10.9	4.3	6.8	9.4	6.6	7.6
22	1.5	0.6	1.0	1.6	0.7	1.1	6.9	3.5	4.9	8.0	6.1	6.8
23	1.6	0.7	1.2	2.4	0.7	1.5	5.1	4.0	4.4	10.4	6.0	7.5
24	1.4	0.8	1.2	3.1	1.4	2.0	6.1	3.8	4.8	12.1	7.0	8.8
25	1.1	0.7	0.9	3.5	1.5	2.2	8.1	2.8	5.1	13.2	6.8	9.5
26	1.1	0.7	0.9	3.9	1.0	2.2	9.4	2.1	5.2	13.0	8.2	10.1
27	1.1	0.6	0.8	4.9	0.5	2.1	9.1	3.1	5.4	12.7	9.4	10.7
28	1.1	0.6	0.9	5.8	0.6	2.5	9.4	2.5	5.1	14.9	8.7	11.3
29	---	---	---	6.6	1.0	3.1	10.4	2.7	5.9	15.1	10.0	11.6
30	---	---	---	7.0	1.5	3.4	11.7	3.7	7.0	15.8	10.4	12.1
31	---	---	---	8.4	1.7	4.3	---	---	---	16.5	10.3	12.6
Month	3.7	0.0	1.1	8.4	0.0	1.5	11.7	0.5	4.8	16.5	4.5	8.7

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
***** THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *****

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	14.3	10.8	12.3	16.3	11.0	13.3	20.4	15.3	17.4	16.9	11.4	13.9
2	14.2	10.4	11.7	17.5	12.5	14.2	21.6	16.1	17.9	14.8	11.3	13.0
3	11.1	9.8	10.5	17.2	12.0	14.2	18.2	15.7	16.8	13.6	11.2	12.4
4	10.5	9.4	9.8	17.2	12.8	14.6	19.8	15.1	16.8	14.9	12.9	13.6
5	13.0	9.3	10.3	17.1	12.8	14.3	18.5	13.5	15.8	15.6	13.1	14.1
6	14.8	9.1	11.6	16.8	12.3	13.8	18.4	12.7	15.2	15.3	13.1	14.0
7	12.0	10.2	10.9	16.7	12.4	14.1	19.9	14.4	16.5	16.9	12.4	14.3
8	11.6	9.8	10.4	17.4	12.2	14.3	18.0	13.8	15.7	17.3	12.1	14.3
9	11.3	9.8	10.5	17.5	12.6	14.6	18.5	12.9	15.2	17.0	12.7	14.4
10	11.0	8.7	9.8	17.8	12.9	14.9	17.8	12.9	14.7	13.7	9.9	11.7
11	11.4	8.4	9.6	17.7	13.4	14.7	16.3	12.1	13.8	13.1	8.6	10.6
12	13.5	9.5	10.8	16.2	13.2	14.6	16.4	11.5	13.4	13.5	8.4	10.7
13	15.7	9.8	11.8	17.8	13.8	15.1	16.7	11.7	13.6	12.5	9.4	10.8
14	13.0	10.3	11.6	19.1	13.5	15.8	18.4	11.7	14.6	13.3	11.5	12.5
15	14.8	10.4	11.9	17.5	14.0	15.4	18.3	13.8	15.6	15.3	12.8	13.8
16	16.2	10.3	12.6	19.6	14.2	16.3	18.1	13.7	15.5	16.3	13.0	14.3
17	15.4	10.4	12.4	19.6	14.4	16.6	18.6	13.3	15.4	16.4	12.4	14.2
18	18.3	11.3	14.1	19.3	14.6	16.3	19.9	13.6	16.0	17.5	12.9	15.0
19	18.0	12.5	14.4	18.6	13.6	15.7	18.4	14.5	15.9	16.5	13.4	14.8
20	17.5	11.7	13.7	18.9	13.4	15.7	16.1	14.8	15.3	14.3	11.5	12.8
21	16.1	10.7	13.0	17.6	14.5	15.5	16.4	13.4	14.7	11.9	8.8	10.3
22	16.1	11.3	13.1	16.2	14.0	14.8	18.2	12.7	15.2	12.5	8.8	10.3
23	16.7	12.7	13.9	15.4	13.1	14.1	17.1	12.5	14.6	12.4	10.4	11.2
24	17.2	12.2	13.7	17.5	12.6	14.7	15.2	12.0	13.3	14.7	11.7	12.9
25	16.9	12.1	14.1	18.8	13.2	15.5	15.7	11.7	13.4	12.1	9.6	10.9
26	14.3	12.8	13.3	19.8	14.4	16.4	16.6	12.3	14.0	12.0	9.1	10.2
27	17.4	13.2	14.5	18.8	14.7	16.5	13.0	11.7	12.6	12.5	7.8	9.9
28	14.2	12.7	13.5	19.1	14.9	16.1	15.9	11.7	13.5	13.3	9.6	11.4
29	16.4	12.6	13.9	19.4	14.3	16.3	15.4	13.8	14.5	12.1	8.0	10.6
30	16.0	11.7	13.3	18.5	13.5	15.8	17.2	11.7	14.2	11.0	6.4	8.7
31	---	---	---	17.7	12.7	15.3	16.3	10.6	13.1	---	---	---
Month	18.3	8.4	12.2	19.8	11.0	15.1	21.6	10.6	15.0	17.5	6.4	12.4

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October				November				December			
1	---	---	---	---	---	---	922	542	765	651	633	640
2	---	---	---	---	---	---	1,070	922	1,030	634	605	626
3	---	---	---	---	---	---	1,010	882	939	611	592	602
4	---	---	---	---	---	---	884	796	842	605	582	591
5	---	---	---	---	---	---	806	753	780	589	583	586
6	---	---	---	---	---	---	777	729	752	586	553	579
7	---	---	---	---	---	---	730	643	708	580	573	578
8	---	---	---	---	---	---	682	655	667	578	560	572
9	---	---	---	---	---	---	665	631	661	574	554	571
10	---	---	---	---	---	---	653	601	637	571	560	568
11	---	---	---	---	---	---	630	595	611	570	560	565
12	---	---	---	---	---	---	637	602	633	567	554	562
13	---	---	---	---	---	---	629	592	618	565	548	560
14	---	---	---	---	---	---	621	586	610	588	433	537
15	---	---	---	---	---	---	612	585	601	608	574	591
16	---	---	---	---	---	---	603	580	592	593	577	585
17	---	---	---	---	---	---	587	566	581	587	571	581
18	---	---	---	---	---	---	585	570	577	590	581	581
19	---	---	---	727	720	723	576	567	574	---	---	---
20	---	---	---	724	686	718	582	571	578	569	555	563
21	---	---	---	693	679	687	588	576	582	572	558	564
22	---	---	---	698	686	694	578	572	575	565	550	558
23	---	---	---	703	696	699	1,590	291	630	559	549	553
24	---	---	---	705	622	685	1,520	1,030	1,360	560	544	553
25	---	---	---	686	585	650	1,320	1,000	1,130	557	544	551
26	---	---	---	757	685	724	1,000	842	917	557	545	551
27	---	---	---	785	757	774	845	767	810	562	549	555
28	---	---	---	792	636	752	785	728	755	563	551	557
29	---	---	---	862	746	822	728	696	711	563	551	557
30	---	---	---	862	844	856	697	670	684	566	552	559
31	---	---	---	---	---	---	672	650	659	569	556	562
Month	---	---	---	---	---	---	1,590	291	728	---	---	---

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
February				March				April				May
1	570	558	565	592	577	583	724	620	691	545	514	536
2	574	561	567	588	576	582	918	565	712	541	511	525
3	575	559	568	593	577	587	1,850	803	1,330	520	501	514
4	583	565	574	597	589	593	1,400	1,090	1,250	516	499	510
5	583	568	576	603	596	600	1,160	857	1,010	517	497	509
6	581	568	576	609	601	605	985	773	894	514	491	506
7	596	570	585	612	604	609	849	721	789	511	491	505
8	591	563	578	612	579	598	768	642	712	510	487	503
9	577	565	572	621	573	606	733	587	672	508	459	482
10	573	544	563	631	608	624	679	544	625	488	457	478
11	590	544	575	632	624	628	654	571	627	499	460	486
12	588	578	582	626	606	620	651	584	624	508	480	498
13	587	578	582	624	619	622	632	563	606	516	490	503
14	589	572	580	628	620	623	615	553	592	507	492	504
15	583	572	576	627	618	623	611	542	583	516	461	498
16	586	492	565	629	621	626	601	548	581	505	484	499
17	583	561	573	629	622	626	592	544	572	509	492	506
18	587	573	579	631	624	628	605	563	587	512	498	508
19	598	571	589	630	622	627	603	579	588	515	491	510
20	---	---	---	626	618	622	604	515	581	514	495	511
21	---	---	---	629	613	622	587	539	576	517	504	513
22	590	578	586	626	606	620	577	556	566	519	487	506
23	590	577	585	628	620	625	562	468	519	511	482	501
24	591	566	582	631	625	628	614	463	551	517	485	507
25	592	573	585	632	625	628	612	570	590	522	503	517
26	593	582	588	635	623	629	584	551	569	526	506	521
27	593	583	588	638	605	624	568	457	536	526	497	519
28	594	581	587	626	484	564	569	504	550	539	519	531
29	---	---	---	572	526	557	567	537	555	541	470	529
30	---	---	---	595	549	582	553	488	531	530	419	520
31	---	---	---	635	561	596	---	---	---	527	477	517
Month	---	---	---	638	484	610	1,850	457	672	545	419	509

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
				June			July			August		
1	533	515	526	627	609	616	831	785	793	883	859	873
2	545	529	537	632	605	618	796	781	788	892	873	882
3	553	539	546	656	612	630	801	788	794	889	879	885
4	569	544	554	667	627	646	808	790	798	886	875	881
5	576	547	566	676	646	661	2,210	755	899	879	869	874
6	622	484	569	668	658	663	823	809	814	875	864	870
7	579	552	566	675	650	661	826	802	812	873	864	868
8	594	560	580	682	660	667	823	807	816	870	860	867
9	606	579	591	666	506	592	819	767	797	869	857	860
10	613	581	597	631	573	600	805	774	795	858	847	853
11	637	593	609	672	622	645	813	767	797	863	825	841
12	634	607	620	701	653	676	833	784	806	839	822	832
13	646	622	633	718	679	697	830	781	803	848	834	841
14	638	422	602	1,740	618	724	1,200	795	846	852	838	847
15	565	543	558	1,310	690	725	858	843	849	856	609	818
16	576	553	567	749	714	730	851	825	837	852	844	848
17	667	405	564	768	731	744	835	793	819	859	799	850
18	619	457	589	763	745	752	821	788	810	864	851	860
19	633	604	621	782	748	764	816	793	807	874	863	867
20	629	606	618	812	761	777	899	807	838	879	869	874
21	635	590	614	796	769	782	1,010	776	860	884	879	881
22	609	578	592	1,460	707	802	859	849	854	900	883	888
23	599	579	589	784	764	774	856	837	846	911	893	902
24	603	578	589	792	767	779	845	826	839	899	893	896
25	613	581	596	797	778	786	842	810	830	909	897	904
26	624	589	605	817	777	791	837	808	826	913	732	874
27	627	598	612	814	775	789	835	788	818	876	866	872
28	631	604	615	801	777	788	946	795	857	884	870	876
29	614	602	610	799	779	789	1,120	134	868	1,000	804	874
30	631	601	614	803	783	792	888	855	870	873	862	866
31	---	---	---	1,060	765	799	872	780	856	---	---	---
Month	667	405	588	1,740	506	718	2,210	134	827	1,000	609	867

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS****WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006********* THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *******

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
October				November				December				January
1	889	864	873	897	881	892	1,040	847	936	625	610	619
2	910	889	900	883	832	858	849	738	794	611	593	603
3	913	906	909	842	795	825	752	711	730	595	580	588
4	909	861	895	821	786	808	711	685	697	582	567	575
5	861	819	832	799	762	790	687	663	675	571	546	566
6	849	830	837	785	570	744	664	643	655	564	560	562
7	1,280	798	917	845	657	782	648	634	641	569	552	560
8	1,030	698	864	844	787	810	635	618	626	556	549	554
9	1,150	845	960	798	489	734	620	589	615	554	547	550
10	1,280	1,150	1,230	1,060	535	926	617	611	615	554	549	552
11	1,300	1,240	1,280	1,030	885	956	613	610	612	553	532	549
12	1,240	1,190	1,220	885	794	837	612	589	609	541	525	532
13	1,200	1,100	1,170	806	764	783	608	603	606	541	532	537
14	1,150	883	1,080	765	716	752	605	597	602	688	424	532
15	1,480	639	914	757	500	694	603	596	599	---	---	---
16	1,800	1,400	1,650	1,130	540	820	603	582	595	---	---	---
17	1,470	1,380	1,440	1,310	1,130	1,210	607	602	605	---	---	---
18	1,390	1,130	1,260	1,130	901	994	607	602	604	1,810	373	805
19	1,160	946	1,100	901	823	857	611	602	607	1,080	902	1,010
20	1,060	1,020	1,040	823	768	802	613	608	611	902	746	810
21	1,030	975	1,020	785	741	772	631	609	614	750	662	710
22	994	932	979	764	682	731	618	612	615	700	665	684
23	1,020	831	899	765	740	755	616	608	614	668	637	652
24	1,050	988	1,030	742	709	728	615	611	613	646	621	635
25	1,060	876	955	724	702	713	617	538	606	622	606	613
26	1,080	953	1,030	703	689	695	593	500	555	607	587	602
27	965	905	937	689	654	683	634	593	622	601	576	587
28	929	899	913	677	652	662	634	623	629	576	562	568
29	897	872	883	755	638	670	625	553	605	569	546	562
30	876	667	831	1,050	579	888	628	537	596	565	554	560
31	891	841	873	---	---	---	649	620	629	559	543	550
Month	1,800	639	1,020	1,310	489	806	1,040	500	637	---	---	---

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS****WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006********* THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *******

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
February				March				April				May
1	549	537	544	489	481	485	542	495	517	438	414	435
2	544	529	537	492	484	489	625	522	562	439	416	435
3	537	485	512	501	489	495	625	529	559	435	399	430
4	553	513	541	504	480	497	576	447	511	434	430	433
5	766	440	591	510	501	506	601	553	584	436	431	434
6	770	668	730	517	504	512	562	487	530	438	418	435
7	676	613	641	524	515	519	519	464	509	448	432	435
8	614	567	590	531	505	522	529	496	520	439	435	437
9	590	480	561	534	525	531	515	480	501	444	437	440
10	558	529	543	537	513	529	497	467	488	444	440	442
11	532	514	524	525	504	517	486	467	480	447	441	444
12	515	501	509	526	516	521	483	447	478	449	443	446
13	503	490	497	523	381	483	482	477	479	461	378	430
14	490	482	487	680	458	530	479	456	476	1,300	415	559
15	485	474	478	697	645	675	510	464	476	---	---	---
16	479	469	474	648	577	619	476	448	469	---	---	---
17	469	431	460	603	567	584	467	450	463	---	---	---
18	493	456	477	591	525	561	460	448	456	612	530	---
19	---	---	---	555	530	548	456	446	451	---	---	---
20	491	479	485	544	512	534	449	437	445	---	---	---
21	489	478	483	529	505	522	449	429	443	---	---	---
22	480	472	476	521	499	513	444	397	441	---	---	---
23	472	466	469	510	482	503	442	395	434	570	549	561
24	472	447	469	500	472	491	473	384	449	552	528	540
25	472	468	470	487	459	480	475	438	471	528	491	520
26	474	468	472	480	457	474	470	442	465	512	495	505
27	479	471	476	479	445	471	464	434	458	496	483	491
28	484	477	480	480	460	475	456	433	450	485	476	481
29	---	---	---	489	473	482	448	418	443	481	471	475
30	---	---	---	501	472	492	442	419	438	477	466	470
31	---	---	---	506	484	497	---	---	---	470	461	465
Month	---	---	---	697	381	518	625	384	482	---	---	---

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
***** THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *****

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	577	436	457	449	426	440	580	543	557	795	769	780
2	453	439	447	451	439	445	594	361	553	791	773	782
3	458	404	440	456	447	452	548	536	542	802	760	787
4	448	428	442	456	439	452	559	543	549	808	776	791
5	456	447	451	454	431	448	568	557	561	814	791	803
6	457	448	452	449	424	445	571	561	566	806	787	794
7	462	407	446	447	212	435	578	566	570	808	789	799
8	460	387	440	431	425	428	585	573	578	827	802	815
9	469	431	457	432	425	428	589	578	583	1,090	770	837
10	568	418	506	442	427	431	615	582	588	837	816	827
11	572	536	560	444	429	432	589	580	584	835	812	822
12	536	495	515	489	40	419	596	585	590	840	812	824
13	495	473	485	578	320	490	603	592	596	844	819	830
14	473	456	465	571	527	550	615	601	606	850	787	828
15	457	450	453	528	499	513	629	612	619	845	815	834
16	456	447	451	499	488	494	643	626	633	849	824	837
17	448	443	445	521	478	487	690	640	662	842	829	835
18	457	440	445	728	59	497	715	677	695	854	825	841
19	516	438	448	580	480	568	726	674	712	861	827	847
20	663	427	444	585	527	576	708	588	644	837	817	827
21	463	425	432	589	538	580	637	589	618	817	802	809
22	442	436	439	578	454	543	682	636	659	818	802	810
23	468	228	447	561	454	487	705	669	686	814	798	810
24	464	451	458	557	520	544	746	683	715	825	790	811
25	462	451	458	557	506	547	771	743	756	821	809	816
26	---	---	---	561	506	549	782	745	764	826	812	818
27	477	417	457	559	478	543	783	704	749	841	820	829
28	475	454	465	629	385	519	760	731	744	846	829	837
29	466	456	461	534	513	523	773	741	758	841	714	786
30	462	391	443	548	534	540	782	736	760	772	755	761
31	---	---	---	557	543	550	803	759	780	---	---	---
Month	---	---	---	728	40	495	803	361	644	1,090	714	814

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued
PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

***** THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *****

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October				November				December			
1	---	---	---	---	---	---	3.7	3.4	3.5	3.9	3.8	3.8
2	---	---	---	---	---	---	3.4	3.4	3.4	3.9	3.9	3.9
3	---	---	---	---	---	---	3.5	3.4	3.4	4.0	3.9	3.9
4	---	---	---	---	---	---	3.6	3.5	3.6	4.0	3.9	3.9
5	---	---	---	---	---	---	3.7	3.5	3.6	4.0	3.9	3.9
6	---	---	---	---	---	---	3.7	3.6	3.7	4.1	3.9	4.0
7	---	---	---	---	---	---	3.7	3.6	3.7	4.0	3.9	3.9
8	---	---	---	---	---	---	3.7	3.7	3.7	4.0	3.9	4.0
9	---	---	---	---	---	---	3.7	3.7	3.7	4.0	3.9	4.0
10	---	---	---	---	---	---	3.8	3.7	3.7	4.0	3.9	3.9
11	---	---	---	---	---	---	3.8	3.8	3.8	4.0	4.0	4.0
12	---	---	---	---	---	---	3.8	3.7	3.8	4.0	4.0	4.0
13	---	---	---	---	---	---	4.0	3.8	3.9	4.0	3.9	3.9
14	---	---	---	---	---	---	4.2	3.9	4.0	4.1	3.8	4.0
15	---	---	---	---	---	---	4.2	4.0	4.1	4.1	3.9	3.9
16	---	---	---	---	---	---	4.2	4.1	4.2	4.1	4.0	4.0
17	---	---	---	---	---	---	4.3	4.1	4.2	4.1	4.0	4.0
18	---	---	---	3.4	3.4	3.4	4.4	4.2	4.3	4.2	4.1	4.1
19	---	---	---	3.4	3.4	3.4	4.2	4.1	4.2	4.3	4.2	4.2
20	---	---	---	3.5	3.4	3.4	4.3	4.2	4.2	4.2	4.1	4.1
21	---	---	---	3.5	3.5	3.5	4.2	4.1	4.1	4.2	4.1	4.1
22	---	---	---	3.5	3.5	3.5	4.2	4.1	4.1	4.2	4.1	4.2
23	---	---	---	3.5	3.5	3.5	4.1	2.9	4.0	4.1	4.1	4.1
24	---	---	---	3.6	3.5	3.5	3.5	2.9	3.4	4.1	4.1	4.1
25	---	---	---	3.6	3.5	3.6	3.7	3.5	3.6	4.1	4.0	4.0
26	---	---	---	3.6	3.5	3.6	3.7	3.6	3.7	4.0	4.0	4.0
27	---	---	---	3.5	3.4	3.5	3.7	3.7	3.7	4.0	4.0	4.0
28	---	---	---	3.6	3.4	3.4	3.8	3.7	3.7	4.0	4.0	4.0
29	---	---	---	3.5	3.4	3.4	3.8	3.7	3.7	4.0	3.9	3.9
30	---	---	---	3.4	3.4	3.4	3.8	3.8	3.8	3.9	3.9	3.9
31	---	---	---	---	---	---	3.8	3.8	3.8	3.9	3.9	3.9
Max	---	---	---	---	---	---	4.4	4.2	4.3	4.3	4.2	4.2
Min	---	---	---	---	---	---	3.4	2.9	3.4	3.9	3.8	3.8

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005********* THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *******

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
February				March			April			May		
1	3.9	3.9	3.9	3.7	3.7	3.7	3.7	3.6	3.6	3.9	3.8	3.9
2	3.9	3.8	3.8	3.7	3.6	3.7	3.7	3.5	3.6	3.9	3.8	3.9
3	3.8	3.8	3.8	3.7	3.6	3.7	3.5	2.8	3.0	3.9	3.9	3.9
4	3.8	3.8	3.8	3.7	3.6	3.7	3.3	3.1	3.2	4.0	3.9	3.9
5	3.8	3.7	3.8	3.7	3.6	3.6	3.4	3.3	3.4	4.0	4.0	4.0
6	3.8	3.7	3.7	3.6	3.6	3.6	3.5	3.4	3.4	---	---	---
7	3.7	3.7	3.7	3.6	3.6	3.6	3.5	3.4	3.5	---	---	---
8	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5	3.5	---	---	---
9	3.8	3.7	3.7	3.6	3.6	3.6	3.6	3.5	3.6	---	---	---
10	3.8	3.8	3.8	3.6	3.6	3.6	3.7	3.6	3.6	---	---	---
11	3.8	3.7	3.7	3.6	3.6	3.6	3.7	3.6	3.6	---	---	---
12	3.8	3.7	3.7	3.6	3.6	3.6	3.7	3.6	3.7	---	---	---
13	3.8	3.7	3.7	3.6	3.6	3.6	3.7	3.7	3.7	4.3	4.1	4.2
14	3.8	3.7	3.8	3.6	3.6	3.6	3.8	3.7	3.7	4.3	4.2	4.2
15	3.7	3.7	3.7	3.6	3.6	3.6	3.8	3.7	3.7	4.3	4.0	4.3
16	3.8	3.7	3.7	3.6	3.6	3.6	3.8	3.7	3.8	4.3	4.0	4.2
17	3.8	3.8	3.8	3.6	3.6	3.6	3.8	3.7	3.7	4.3	4.2	4.2
18	3.8	3.7	3.8	3.6	3.6	3.6	3.7	3.7	3.7	4.3	4.2	4.2
19	3.7	3.7	3.7	3.6	3.5	3.6	3.7	3.6	3.7	4.3	4.1	4.2
20	3.8	3.7	3.7	3.6	3.5	3.6	3.8	3.6	3.7	4.3	4.1	4.2
21	3.8	3.7	3.7	3.6	3.5	3.6	3.8	3.7	3.7	4.3	4.1	4.2
22	3.7	3.7	3.7	3.6	3.5	3.6	3.8	3.7	3.8	4.3	4.0	4.2
23	3.7	3.7	3.7	3.6	3.6	3.6	3.9	3.8	3.8	4.4	4.1	4.2
24	3.7	3.7	3.7	3.6	3.5	3.6	3.9	3.6	3.8	4.4	4.2	4.2
25	3.7	3.7	3.7	3.6	3.5	3.6	3.7	3.7	3.7	4.2	4.2	4.2
26	3.7	3.7	3.7	3.6	3.5	3.6	3.8	3.7	3.8	4.2	4.0	4.2
27	3.7	3.7	3.7	3.6	3.5	3.6	3.9	3.8	3.8	4.2	4.1	4.2
28	3.7	3.7	3.7	3.8	3.6	3.6	3.9	3.8	3.8	4.2	4.0	4.1
29	---	---	---	3.8	3.7	3.7	3.8	3.8	3.8	4.2	3.8	4.1
30	---	---	---	3.7	3.6	3.7	3.9	3.8	3.8	4.2	3.9	4.1
31	---	---	---	3.7	3.6	3.7	---	---	---	4.2	3.9	4.2
Max	3.9	3.9	3.9	3.8	3.7	3.7	3.9	3.8	3.8	---	---	---
Min	3.7	3.7	3.7	3.6	3.5	3.6	3.3	2.8	3.0	---	---	---

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005********* THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *******

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	4.2	4.0	4.1	3.8	3.7	3.8	3.3	3.2	3.3	3.3	3.3	3.3
2	4.2	4.0	4.1	3.8	3.7	3.7	3.3	3.2	3.3	3.3	3.3	3.3
3	4.1	3.9	4.0	3.8	3.6	3.7	3.3	3.2	3.3	3.3	3.3	3.3
4	4.1	3.8	3.9	3.7	3.6	3.6	3.3	3.2	3.3	3.3	3.3	3.3
5	4.0	3.8	3.9	3.6	3.5	3.6	3.3	2.7	3.2	3.3	3.3	3.3
6	3.9	3.6	3.9	3.6	3.6	3.6	3.3	3.2	3.3	3.3	3.3	3.3
7	4.0	3.8	3.9	3.6	3.5	3.6	3.3	3.2	3.3	3.3	3.3	3.3
8	3.9	3.7	3.8	3.6	3.5	3.5	3.3	3.2	3.3	3.3	3.3	3.3
9	3.9	3.7	3.8	3.9	3.5	3.8	3.3	3.3	3.3	3.3	3.3	3.3
10	3.8	3.7	3.7	3.9	3.6	3.8	3.3	3.3	3.3	3.3	3.3	3.3
11	3.8	3.6	3.7	3.7	3.5	3.6	3.3	3.3	3.3	3.3	3.3	3.3
12	3.7	3.6	3.7	3.6	3.4	3.5	3.3	3.2	3.3	3.3	3.3	3.3
13	3.7	3.6	3.6	3.5	3.4	3.5	3.3	3.2	3.3	3.3	3.3	3.3
14	3.9	3.6	3.6	3.5	2.9	3.4	3.3	3.0	3.2	3.3	3.3	3.3
15	4.0	3.9	4.0	3.5	2.9	3.4	3.3	3.2	3.2	3.3	3.2	3.2
16	4.0	3.9	4.0	3.4	3.4	3.4	3.3	3.2	3.3	3.3	3.2	3.3
17	4.0	3.6	3.9	3.4	3.3	3.4	3.3	3.3	3.3	3.3	3.2	3.3
18	3.9	3.7	3.8	3.4	3.3	3.4	3.3	3.3	3.3	3.3	3.2	3.3
19	3.9	3.8	3.8	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
20	3.9	3.8	3.8	3.3	3.3	3.3	3.3	3.2	3.3	3.3	3.3	3.3
21	3.9	3.7	3.8	3.3	3.3	3.3	3.3	3.2	3.2	3.3	3.3	3.3
22	4.0	3.7	3.9	3.3	3.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
23	4.0	3.9	4.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
24	4.0	3.8	3.9	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
25	4.0	3.8	3.9	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
26	3.9	3.7	3.8	3.3	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3
27	3.9	3.7	3.8	3.3	3.2	3.3	3.4	3.3	3.3	3.3	3.3	3.3
28	3.8	3.7	3.8	3.3	3.2	3.3	3.3	3.2	3.3	3.4	3.3	3.4
29	3.8	3.8	3.8	3.3	3.2	3.3	3.5	3.2	3.3	3.4	3.3	3.3
30	3.8	3.7	3.8	3.3	3.2	3.3	3.3	3.3	3.3	3.4	3.3	3.4
31	---	---	---	3.3	3.1	3.3	3.4	3.3	3.3	---	---	---
Max	4.2	4.0	4.1	3.9	3.7	3.8	3.5	3.3	3.3	3.4	3.3	3.4
Min	3.7	3.6	3.6	3.3	2.9	3.3	3.3	2.7	3.2	3.3	3.2	3.2

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006********* THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *******

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
October				November				December				January
1	3.4	3.4	3.4	3.6	3.6	3.6	3.4	3.2	3.3	3.8	3.8	3.8
2	3.4	3.4	3.4	3.6	3.6	3.6	3.5	3.4	3.4	3.9	3.8	3.8
3	3.4	3.4	3.4	3.6	3.6	3.6	3.5	3.5	3.5	3.9	3.8	3.9
4	3.4	3.4	3.4	3.6	3.6	3.6	3.6	3.5	3.6	4.0	3.9	4.0
5	3.4	3.3	3.4	3.6	3.6	3.6	3.6	3.6	3.6	4.0	4.0	4.0
6	3.4	3.3	3.4	3.7	3.6	3.7	3.7	3.6	3.6	4.1	4.0	4.0
7	3.3	3.1	3.3	3.7	3.7	3.7	3.7	3.7	3.7	4.2	4.0	4.1
8	3.5	3.3	3.4	3.7	3.6	3.7	3.8	3.7	3.8	4.2	4.1	4.2
9	3.5	3.2	3.5	3.7	3.7	3.7	3.8	3.8	3.8	4.2	4.1	4.2
10	3.2	3.2	3.2	3.7	3.6	3.6	3.8	3.8	3.8	4.2	4.1	4.1
11	3.3	3.2	3.2	3.6	3.5	3.6	3.8	3.8	3.8	4.2	4.0	4.1
12	3.3	3.3	3.3	3.6	3.6	3.6	3.9	3.8	3.8	4.2	4.0	4.2
13	3.3	3.3	3.3	3.7	3.6	3.6	3.9	3.9	3.9	4.3	4.2	4.2
14	3.5	3.3	3.3	3.7	3.6	3.6	4.0	3.9	4.0	4.2	3.7	4.0
15	3.7	3.3	3.5	3.7	3.5	3.6	4.0	4.0	4.0	3.7	3.6	3.6
16	3.3	3.2	3.3	3.5	3.0	3.4	4.0	3.9	3.9	3.7	3.6	3.7
17	3.3	3.3	3.3	3.2	3.0	3.1	3.9	3.8	3.9	3.8	3.7	3.8
18	3.4	3.3	3.4	3.4	3.2	3.3	3.9	3.8	3.8	3.9	2.7	3.8
19	3.5	3.4	3.5	3.5	3.4	3.5	3.8	3.8	3.8	3.3	3.1	3.2
20	3.5	3.5	3.5	3.5	3.5	3.5	3.8	3.8	3.8	3.5	3.3	3.4
21	3.5	3.5	3.5	3.5	3.5	3.5	3.8	3.8	3.8	3.6	3.5	3.5
22	3.6	3.5	3.5	3.6	3.5	3.5	3.8	3.7	3.8	3.6	3.6	3.6
23	3.6	3.5	3.6	3.6	3.5	3.5	3.7	3.7	3.7	3.7	3.6	3.6
24	3.5	3.5	3.5	3.6	3.5	3.6	3.7	3.7	3.7	3.7	3.6	3.7
25	3.5	3.5	3.5	3.6	3.6	3.6	3.8	3.7	3.7	3.7	3.7	3.7
26	3.5	3.5	3.5	3.6	3.6	3.6	3.8	3.8	3.8	3.8	3.7	3.7
27	3.5	3.5	3.5	3.7	3.6	3.6	3.8	3.7	3.8	3.9	3.8	3.8
28	3.6	3.5	3.5	3.7	3.6	3.6	3.8	3.7	3.7	3.9	3.9	3.9
29	3.6	3.6	3.6	3.6	3.4	3.6	3.8	3.7	3.7	4.0	3.9	3.9
30	3.6	3.6	3.6	3.6	3.1	3.2	3.8	3.7	3.8	4.0	4.0	4.0
31	3.6	3.6	3.6	---	---	---	3.8	3.7	3.8	4.0	4.0	4.0
Max	3.7	3.6	3.6	3.7	3.7	3.7	4.0	4.0	4.0	4.3	4.2	4.2
Min	3.2	3.1	3.2	3.2	3.0	3.1	3.4	3.2	3.3	3.3	2.7	3.2

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006********* THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *******

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
February				March				April				May
1	4.1	4.0	4.0	4.3	4.2	4.3	3.9	3.8	3.9	4.4	4.4	4.4
2	4.1	4.0	4.1	4.2	4.1	4.2	3.8	3.8	3.8	4.5	4.4	4.4
3	4.1	4.0	4.0	4.1	4.0	4.1	3.9	3.8	3.9	4.5	4.4	4.4
4	4.0	3.9	3.9	4.1	4.0	4.0	4.0	3.9	4.0	4.5	4.4	4.4
5	3.9	3.5	3.7	4.0	3.9	4.0	3.9	3.8	3.8	4.4	4.4	4.4
6	3.6	3.5	3.6	4.0	3.9	3.9	3.9	3.8	3.9	4.4	4.4	4.4
7	3.7	3.6	3.7	3.9	3.8	3.9	3.9	3.9	3.9	4.5	4.4	4.4
8	3.8	3.7	3.8	3.9	3.8	3.8	3.9	3.8	3.8	4.4	4.4	4.4
9	3.9	3.8	3.9	3.8	3.8	3.8	3.9	3.8	3.9	4.4	4.3	4.4
10	4.0	3.9	3.9	3.8	3.7	3.8	3.9	3.9	3.9	4.3	4.3	4.3
11	4.1	3.9	4.1	3.8	3.7	3.8	4.0	3.9	4.0	4.3	4.2	4.3
12	4.2	4.1	4.2	3.8	3.8	3.8	4.0	3.9	4.0	4.3	4.2	4.2
13	4.3	4.2	4.3	3.9	3.7	3.8	4.0	3.9	4.0	4.2	4.1	4.1
14	4.3	4.3	4.3	3.9	3.6	3.8	4.0	4.0	4.0	4.1	3.1	3.3
15	4.3	4.3	4.3	3.6	3.5	3.6	4.0	4.0	4.0	3.5	3.3	3.4
16	4.4	4.3	4.3	3.7	3.5	3.6	4.1	4.0	4.0	3.6	3.5	3.5
17	4.4	4.3	4.4	3.7	3.6	3.7	4.1	4.0	4.1	3.6	3.5	3.5
18	4.4	4.4	4.4	3.8	3.7	3.8	4.1	4.0	4.1	3.8	3.5	3.6
19	4.4	4.4	4.4	3.9	3.8	3.8	4.2	4.1	4.1	3.6	3.4	3.5
20	4.5	4.4	4.4	3.9	3.8	3.9	4.2	4.1	4.2	3.4	3.2	3.2
21	4.5	4.4	4.4	4.0	3.9	3.9	4.3	4.2	4.2	3.4	3.3	3.3
22	4.5	4.4	4.4	4.0	3.9	4.0	4.3	4.3	4.3	3.5	3.4	3.4
23	4.5	4.4	4.5	4.0	4.0	4.0	4.4	4.3	4.4	3.6	3.4	3.6
24	4.5	4.4	4.5	4.0	4.0	4.0	4.3	4.1	4.3	3.7	3.6	3.6
25	4.5	4.5	4.5	4.1	4.0	4.0	4.2	4.0	4.1	3.7	3.6	3.7
26	4.5	4.4	4.5	4.2	4.1	4.1	4.1	4.1	4.1	3.8	3.7	3.8
27	4.4	4.4	4.4	4.2	4.1	4.2	4.2	4.1	4.1	3.9	3.8	3.8
28	4.4	4.3	4.4	4.2	4.0	4.1	4.2	4.1	4.2	3.9	3.8	3.9
29	---	---	---	4.2	4.0	4.1	4.3	4.2	4.3	3.9	3.8	3.9
30	---	---	---	4.1	4.0	4.0	4.4	4.3	4.4	4.0	3.8	3.9
31	---	---	---	4.0	3.9	3.9	---	---	---	4.0	3.9	4.0
Max	4.5	4.5	4.5	4.3	4.2	4.3	4.4	4.3	4.4	4.5	4.4	4.4
Min	3.6	3.5	3.6	3.6	3.5	3.6	3.8	3.8	3.8	3.4	3.1	3.2

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006********* THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *******

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
				June			July			August		
1	4.3	3.4	4.0	4.4	3.9	4.2	4.5	3.7	4.3	3.2	3.1	3.2
2	4.3	4.1	4.2	4.5	4.3	4.4	4.5	3.5	4.3	3.2	3.2	3.2
3	4.4	4.0	4.2	4.6	4.5	4.6	4.5	4.4	4.5	3.2	3.2	3.2
4	4.4	4.2	4.2	4.7	4.5	4.6	4.5	4.4	4.5	3.2	3.1	3.2
5	4.2	4.1	4.2	4.7	4.6	4.6	4.6	4.4	4.5	3.2	3.1	3.1
6	4.2	4.0	4.1	4.7	4.6	4.7	4.6	4.3	4.4	3.1	3.1	3.1
7	4.3	3.9	4.2	4.7	4.6	4.7	4.4	4.2	4.3	3.1	3.1	3.1
8	4.3	3.9	4.1	4.8	4.6	4.7	4.4	4.2	4.3	3.1	3.1	3.1
9	4.1	3.9	4.1	4.8	4.6	4.7	4.3	4.0	4.1	3.2	2.9	3.1
10	4.1	3.6	3.6	4.7	4.6	4.7	4.2	3.5	4.0	3.2	3.1	3.2
11	3.8	3.6	3.7	4.7	4.5	4.6	4.3	4.0	4.1	3.2	3.1	3.1
12	3.9	3.8	3.8	4.7	3.5	4.6	4.1	3.9	3.9	3.2	3.1	3.1
13	4.1	3.9	4.0	4.5	3.9	4.1	3.9	3.7	3.8	3.1	3.1	3.1
14	4.3	4.0	4.1	4.3	4.1	4.2	3.7	3.5	3.6	3.1	3.1	3.1
15	4.3	4.2	4.3	4.5	4.3	4.4	3.6	3.4	3.5	3.1	3.1	3.1
16	4.4	4.2	4.3	4.5	4.3	4.5	3.4	3.3	3.4	3.1	3.0	3.1
17	4.4	4.3	4.4	4.6	4.2	4.5	3.4	3.3	3.4	3.1	3.0	3.1
18	4.4	4.1	4.3	4.6	3.2	4.5	3.4	3.3	3.3	3.1	3.0	3.1
19	4.3	3.6	4.3	4.7	4.5	4.6	3.3	3.2	3.3	3.1	3.0	3.1
20	4.5	3.3	4.4	4.7	4.6	4.6	3.6	3.3	3.4	3.1	3.1	3.1
21	4.6	4.1	4.5	4.7	4.5	4.7	3.6	3.4	3.5	3.1	3.1	3.1
22	4.4	4.2	4.2	4.7	4.4	4.7	3.5	3.3	3.4	3.1	3.1	3.1
23	4.4	3.2	4.3	4.8	4.6	4.7	3.4	3.3	3.3	3.1	3.1	3.1
24	4.4	4.2	4.3	4.8	4.6	4.7	3.3	3.2	3.3	3.1	3.1	3.1
25	4.4	4.1	4.2	4.7	4.5	4.6	3.3	3.2	3.2	3.1	3.1	3.1
26	4.2	3.7	4.0	4.7	4.4	4.5	3.2	3.1	3.2	3.1	3.1	3.1
27	3.8	3.6	3.6	4.6	4.3	4.4	3.3	3.2	3.2	3.1	3.0	3.1
28	4.0	3.8	3.9	4.6	3.6	4.4	3.3	3.2	3.3	3.1	3.0	3.1
29	4.2	3.9	4.0	4.6	4.5	4.6	3.3	3.2	3.2	3.2	3.0	3.1
30	4.3	3.5	4.2	4.6	4.4	4.5	3.3	3.2	3.2	3.2	3.2	3.2
31	---	---	---	4.6	4.4	4.5	3.3	3.1	3.2	---	---	---
Max	4.6	4.3	4.5	4.8	4.6	4.7	4.6	4.4	4.5	3.2	3.2	3.2
Min	3.8	3.2	3.6	4.3	3.2	4.1	3.2	3.1	3.2	3.1	2.9	3.1
Year	MAX	UM	MAXIM	4.8	MINIMU	M	3.1					
Min	MAXIM	UM	4.6	MINIMU	M	2.7						
Median	MAXIM	UM	4.7	M	MINIMU	3.1						

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 1 of 12
 [Remark codes: <, less than.]

Date	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC (00095)	Temper- ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Calcium water, unfltrd recover -able, mg/L (00916)	Magnes- ium, water, unfltrd recover -able, mg/L (00925)	Magnes- ium, water, unfltrd recover -able, mg/L (00927)	Potas- sium, water, unfltrd recover -able, mg/L (00935)	Potas- sium, water, unfltrd recover -able, mg/L (00937)	Sodium, water, unfltrd recover -able, mg/L (00930)	Sodium, water, unfltrd recover -able, mg/L (00929)	Chlor- ide, water, fltrd, mg/L (00940)
Oct 20...	8	3.8	465	7.8	76.6	73.5	8.42	8.11	4.11	3.94	1.75	1.69	4.2
Nov 01...	11.6	3.4	751	6.5	71.1	72	8.07	8.23	3.74	3.87	1.63	1.66	6.7
Dec 06...	12.2	3.7	758	.4	72.2	73.8	9.19	9.51	3.02	3.12	1.53	1.58	6.4
Jan 04...	12.7	3.9	668	2.2	67	66.9	8.34	8.27	2.76	2.74	1.41	1.39	6.4
Feb 01...	12.1	3.9	612	.6	62.2	62	6.71	6.57	2.34	2.29	1.05	1.04	6.4
Mar 03...	13.2	3.6	643	.1	70.8	70.1	6.77	6.62	2.7	2.64	1.08	1.05	5.7
29...	--	3.6	634	1.7	62.2	61.6	5.77	5.55	2.48	2.43	.98	.95	5.8
Apr 02...	--	3.5	728	1.6	62.5	61.7	6.43	6.33	2.38	2.38	.96	.94	5.8
02...	--	3.5	705	1.7	61.8	58.8	6.44	6.12	2.36	2.31	.95	.9	5
02...	--	3.6	658	1.7	56.7	60.8	6.41	6.5	2.26	2.4	.97	.98	5.8
02...	--	3.5	635	1.7	54.1	54.1	5.17	5.22	2.17	2.21	.83	.83	5.7
03...	--	3.2	1,010	1.9	55.5	55.7	6.26	6.31	1.96	2.06	.82	.82	6
03...	--	2.9	1,430	1.8	55.3	56.8	6.37	6.97	1.79	2	.78	.81	11.7
04...	--	3.2	1,340	2.6	70.4	73.4	9.73	10.1	2.18	2.28	.95	.97	11.5
09...	--	3.6	701	5.7	55.5	57.3	5.72	6.05	2.16	2.36	.81	.83	6
11...	--	3.5	698	2.9	57.3	57	5.9	6.03	2.16	2.3	.85	.84	5.8
18...	--	3.5	621	8.3	55.8	52.5	5.65	5.32	2.3	2.23	.92	.87	5.8
May 02...	11.4	3.8	552	5	57.9	52.7	5.66	5.02	2.38	2.17	.92	.84	6
Jun 21...	--	3.7	623	18.8	61.9	59.5	5.79	5.62	3.11	3.04	1.08	1.04	5.7
Jul 15...	7.5	3.3	723	20.8	69	68.8	6.48	6.74	4.08	4.02	1.3	1.25	2.7
Aug 02...	8	3.2	739	20.2	70.7	71.8	7.7	7.68	5.02	5.17	1.67	1.68	2.7
Sep 01...	7.7	3.3	887	17.9	74.5	76.6	9.71	9.97	5.41	5.54	2.12	2.17	6.8

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 2 of 12
 [Remark codes: <, less than.]

Date	Fluor-ide, water, fltrd, mg/L (00950)	Nitrite + nitrate water fltrd, mg/L as N (00631)				Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	Alum-inum, water, fltrd, ug/L (01106)	water, unfltrd recover-able, ug/L (01105)	Anti-mony, water, fltrd, ug/L (01095)	Anti-mony, water, unfltrd ug/L (01097)	Arsenic water, fltrd, ug/L (01000)	Arsenic water unfltrd ug/L (01002)
		Silica, water, fltrd, mg/L (00955)	Silica, water, unfltrd mg/L (00956)	Sulfate water, fltrd, mg/L (00945)									
Oct 20...	1.6	32.3	30.9	298	<.08	<.01	<.01	7,500	7,170	<.3	<.3	1	1
Nov 01...	3	29.8	30.8	302	<.08	<.01	<.01	7,430	7,640	<.3	<.3	2	3
Dec 06...	.4	24.6	25.8	340	.9	<.01	<.01	9,110	9,450	<.3	<.3	<1	<1
Jan 04...	.36	23.1	23.2	302	.9	<.01	<.01	8,770	8,820	<.3	<.3	<1	<1
Feb 01...	.8	20.8	20.6	307	<.08	<.01	<.01	7,750	7,770	<.3	<.3	<1	<1
Mar 03...	.6	19.4	19	300	<.08	<.01	<.01	7,260	7,100	<.3	<.3	<1	<1
29...	.6	17.4	17	256	.8	<.01	<.01	6,060	5,910	<.3	<.3	<1	<1
Apr 02...	.6	17.4	16.9	352	1	<.01	<.01	7,840	7,790	<.3	<.3	<1	<1
02...	.6	17.5	17	323	1.2	<.01	<.01	7,880	7,740	<.3	<.3	<1	<1
02...	.6	17.6	18.4	303	1	<.01	<.01	7,780	8,320	<.3	<.3	<1	<1
02...	.6	14.5	14.9	282	1	<.01	<.01	6,400	6,720	<.3	<.3	<1	<1
03...	.65	14.7	15.9	505	1	<.01	<.01	10,000	10,800	<.3	<.3	<1	<1
03...	1.1	13.2	15.2	691	1.6	.02	.02	11,600	13,000	<.3	<.3	<1	<1
04...	1.2	17.6	17.9	680	1.6	<.01	<.01	15,200	15,500	<.3	<.3	<1	<1
09...	.6	15.1	16.7	323	1	<.01	<.01	8,140	8,980	<.3	<.3	<1	<1
11...	.6	16	17	324	1	<.01	<.01	8,250	8,690	<.3	<.3	<1	<1
18...	.6	17.4	16.4	271	1	<.01	<.01	8,050	7,590	<.3	<.3	<1	<1
May 02...	.6	18.6	16.4	242	.8	<.01	<.01	7,600	6,790	<.3	<.3	<1	<1
Jun 21...	.6	24	23.2	307	.9	<.01	<.01	6,580	6,390	<.3	<.3	<1	<1
Jul 15...	.3	34	34.4	340	.4	<.01	<.01	5,680	5,960	<.3	<.3	<1	<1
Aug 02...	.3	38	39.3	342	.4	<.01	<.01	6,030	6,200	<.3	<.3	<1	<1
Sep 01...	.4	35.9	36.3	325	<.08	<.01	<.01	7,020	7,280	<.3	<.3	<1	<1

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
 Part 3 of 12
 [Remark codes: <, less than.]

Date	Barium, water, fltrd, ug/L (01005)	Barium, water, recover -able, ug/L (01007)	Beryll- ium, water, fltrd, ug/L (01010)	Beryll- ium, water, recover -able, ug/L (01012)	Bismuth water, fltrd, ug/L (01015)	Bismuth water, unfltrd, ug/L (01017)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd, ug/L (01027)	Cesium, water, fltrd, ug/L (01115)	Cesium, water, unfltrd, ug/L (01117)	Chrom- ium, water, unfltrd, recover -able, ug/L (01030)	Chrom- ium, water, fltrd, ug/L (01034)	Cobalt water, fltrd, ug/L (01035)
Oct													
20...	17.4	16.7	.4	.5	<.2	<.2	9.61	9.26	1	1	1.6	1.5	170
Nov													
01...	15.8	16.7	.4	.6	<.2	<.2	8.77	8.9	.97	.99	2	2	168
Dec													
06...	13.4	13.8	.5	.5	<.2	<.2	17.6	18.4	.72	.74	2.4	2.9	269
Jan													
04...	12.9	12.8	.4	.4	<.2	<.2	15.7	15.5	.68	.65	1.6	2.8	241
Feb													
01...	11.7	11.8	.5	.4	<.2	<.2	12.6	12.9	.56	.58	1.5	2.1	197
Mar													
03...	12.3	12	.3	.3	<.2	<.2	11.3	10.8	.61	.6	1.7	1.6	242
29...	11.8	11.6	.3	.3	<.2	<.2	10.6	10.4	.56	.55	1.8	1.5	211
Apr													
02...	11.5	11.5	.4	.4	<.2	<.2	23.1	23	.54	.56	3.1	3.5	455
02...	11.7	12.2	.3	.3	<.2	<.2	22.9	21.6	.55	.55	3	4.4	444
02...	10.7	12.5	.3	.3	<.2	<.2	19.6	21.5	.51	.57	2.6	4.3	387
02...	11	11.8	.3	.3	<.2	<.2	20.1	20.2	.55	.58	2.6	3.8	390
03...	11.3	16	.4	.4	<.2	<.2	56.4	56.3	.74	.84	10.6	13.7	930
03...	12.1	19.9	.5	.5	<.2	<.2	81.8	85.4	.98	1.1	19.4	23.9	1,470
04...	11.8	12.6	.7	.6	<.2	<.2	92.8	97.3	1	1.1	17.4	18	1,310
09...	12	16.7	.4	.4	<.2	<.2	24.8	25.7	.73	.82	5	7.5	434
11...	11.6	14.4	.4	.4	<.2	<.2	22.8	23.3	.72	.78	4.8	6.3	396
18...	12.6	12.7	.4	.4	<.2	<.2	18	17.5	.75	.73	3.4	4	324
May													
02...	13	12.3	.3	.4	<.2	<.2	14	13.8	.68	.64	2	2.9	253
Jun													
21...	15.8	15.5	.4	.4	<.2	<.2	12.4	12.3	1	.98	1.1	1.3	191
Jul													
15...	17.2	17.2	.5	.5	<.2	<.2	9.6	9.74	1.2	1.2	1.2	1.3	186
Aug													
02...	23.4	24.8	.5	.5	<.2	<.2	8.11	7.95	1.4	1.5	1.2	1.6	186
Sep													
01...	24.8	25.8	.5	.5	<.2	<.2	14	14.6	1.5	1.6	1.5	1.7	217

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued
**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

 Part 4 of 12
 [Remark codes: <, less than.]

Date	Cobalt water, unfltrd recover -able, ug/L (01037)	Copper, water, unfltrd recover -able, ug/L (01040)	Copper, water, unfltrd recover -able, ug/L (01042)	Gallium water, fltrd, ug/L (01120)	Gallium water, unfltrd ug/L (01122)	Germanium, water, fltrd, ug/L (01125)	Germanium, water, unfltrd ug/L (01127)	Iron, water, fltrd, ug/L (01046)	Iron, water, unfltrd recover -able, ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, unfltrd recover -able, ug/L (01051)	Lithium water, fltrd, ug/L (01130)	Lithium water, unfltrd recover -able, ug/L (01132)
Oct 20...	166	2,400	2,310	.21	.21	.07	.07	8,860	9,240	1.9	1.9	10.6	10.2
Nov 01...	170	2,120	2,150	.2	.25	<.05	<.05	9,310	9,970	1.8	2	10.8	11
Dec 06...	279	3,180	3,310	.22	.28	.07	.06	24,500	30,100	1.5	1.7	9.5	9.4
Jan 04...	252	3,620	3,760	.2	.32	<.05	<.05	14,200	21,600	1.3	1.6	7.3	7.3
Feb 01...	198	3,140	3,190	.1	.2	<.05	<.05	8,630	14,000	1	1.2	8	8.7
Mar 03...	238	2,600	2,580	.34	.34	<.05	.06	13,500	15,200	1.4	1.4	5	4.7
29...	207	2,480	2,450	.28	.26	<.05	.06	12,100	9,600	1.4	1.3	4.1	3.8
Apr 02...	454	3,460	3,450	.39	.44	.07	.07	37,000	40,700	1.5	1.8	5.8	5.8
02...	420	3,490	3,380	.37	.57	.06	.07	35,300	47,200	1.5	2.3	6.4	5.4
02...	410	3,500	3,790	.33	.56	.06	.06	29,400	44,300	1.4	2.5	6.9	7
02...	393	4,090	4,140	.33	.53	.05	.07	25,400	37,800	1.5	2.4	4.5	4.3
03...	947	18,400	18,500	2	2.6	.1	.1	87,400	119,000	2.9	7.4	6.4	7.3
03...	1,530	30,800	32,100	4.8	5.9	.1	.2	150,000	190,000	4.1	11	7.7	9.4
04...	1,330	24,900	25,600	3.7	3.9	.2	.2	142,000	147,000	4.1	4.5	12.2	12
09...	450	7,330	7,630	.79	1.4	.07	.1	39,200	53,800	2.2	6.3	7.4	7.2
11...	402	6,400	6,520	.74	1.2	.07	.09	37,200	42,800	2.1	4.6	7.1	7.5
18...	310	5,820	5,550	.38	.51	.06	.06	14,100	18,900	1.6	2.2	6.2	5.8
May 02...	228	4,890	4,640	.28	.38	<.05	<.05	9,640	13,400	.91	1.2	5.8	4.8
Jun 21...	190	3,810	3,770	.22	.26	.07	.06	8,440	10,700	1.6	1.8	6.4	6.6
Jul 15...	191	2,770	2,790	.34	.35	.08	.08	10,600	11,500	2	2.3	9	9.6
Aug 02...	186	1,940	1,990	.32	.43	.07	.08	10,400	15,800	2.7	3.5	13.2	13
Sep 01...	225	2,770	2,880	.42	.47	.1	.1	15,900	17,900	3.7	4.5	12.4	12

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 5 of 12
 [Remark codes: <, less than.]

Date	Manganese, water, filtrd, ug/L (01056)	Manganese, water, unfiltrd recover -able, ug/L (01055)	Molybdenum, water, filtrd, recover -able, ug/L (01060)	Molybdenum, water, unfiltrd recover -able, ug/L (01062)	Nickel, water, filtrd, recover -able, ug/L (01065)	Nickel, water, unfiltrd recover -able, ug/L (01067)	Selenium, water, filtrd, unfiltrd ug/L (01145)	Selenium, water, unfiltrd ug/L (01147)	Silver, water, filtrd, recover -able, ug/L (01075)	Silver, water, unfiltrd recover -able, ug/L (01077)	Strontium, water, filtrd, recover -able, ug/L (01080)	Strontium, water, unfiltrd recover -able, ug/L (01082)	Thallium, water, filtrd, ug/L (01057)	
Oct 20...	958	930	<2	<2	23	22.2	<1	<1	<3	<3	219	213	.1	
Nov 01...	982	979	<2	<2	22.5	22.6	<1	<1	<3	<3	203	206	<.1	
Dec 06...	1,060	1,100	<2	<2	29.6	30.5	<1	1	<3	<3	180	184	.1	
Jan 04...	914	916	<2	<2	27	27.9	<1	1	<3	<3	169	170	.1	
Feb 01...	786	792	<2	<2	24.6	24.6	<1	<1	<3	<3	163	165	<.1	
Mar 03...	855	839	<2	<2	25.7	25	<1	<1	<3	<3	191	188	<.1	
	29...	696	685	<2	<2	22.3	22.4	<1	<1	<3	<3	170	165	<.1
Apr 02...	826	820	<2	<2	40.9	40.9	<1	1	<3	<3	154	152	<.1	
	02...	810	791	<2	<2	40.3	38.6	<1	<1	<3	<3	155	148	<.1
	02...	765	800	<2	<2	35.3	37.5	<1	1	<3	<3	144	154	.1
	02...	725	734	<2	<2	34	34.3	1	1.1	<3	<3	134	136	<.1
	03...	968	975	<2	<2	75.8	75	1.5	1.9	<3	<3	130	133	.1
	03...	1,020	1,070	<2	<2	107	111	3	3.2	<3	<3	125	132	.1
	04...	1,680	1,730	<2	<2	105	106	1.8	2.2	<3	<3	160	165	.1
	09...	918	956	<2	<2	38.1	40	1.2	1.5	<3	<3	129	133	<.1
	11...	855	850	<2	<2	35.9	36	1.2	1.4	<3	<3	132	131	<.1
	18...	820	776	<2	<2	29.8	28	1.1	1.3	<3	<3	134	128	<.1
May 02...	754	688	<2	<2	24.2	22.6	<1	<1	<3	<3	137	126	<.1	
Jun 21...	795	770	<2	<2	23.5	23.6	<1	1	<3	<3	161	159	.1	
Jul 15...	883	893	<2	<2	25	25.3	1.3	1.4	<3	<3	183	185	.1	
Aug 02...	888	890	<2	<2	24.4	24.8	2	2.4	<3	<3	210	210	.1	
Sep 01...	1,220	1,270	<2	<2	31.9	33	1.6	2	<3	<3	224	235	.2	

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
 Part 6 of 12
 [Remark codes: <, less than.]

Date	Thallium, water, unfltrd ug/L (01059)	Titanium, water, fltrd, ug/L (01150)	Titanium, water, unfltrd ug/L (01152)	Vanadium, water, fltrd, ug/L (01085)	Vanadium, water, unfltrd ug/L (01087)	Ytterbium, water, fltrd, ug/L (01194)	Ytterbium, water, unfltrd ug/L (01196)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd recover- able, ug/L (01092)	Sus- pended sediment concen- tration mg/L (80154)
Oct										
20...	.1	3.8	3.6	<.5	<.5	1.08	1.07	2,100	2,020	--
Nov										
01...	.1	3.4	4.1	<.5	<.5	1.06	1.12	2,020	2,040	13
Dec										
06...	.1	7.2	8.4	<.5	<.5	1.02	1.09	2,630	2,730	51
Jan										
04...	.1	6.7	7.8	<.5	<.5	.96	1.01	2,270	2,300	38
Feb										
01...	<.1	3	3.4	<.5	<.5	1.01	1.05	2,080	2,120	23
Mar										
03...	<.1	3.2	3.2	<.5	<.5	1.16	1.12	1,930	1,840	20
29...	<.1	3.1	2.6	<.5	<.5	.92	.92	1,870	1,830	20
Apr										
02...	<.1	3.7	5.9	<.5	<.5	1.13	1.12	2,800	2,800	62
02...	<.1	3.4	15	<.5	1.1	1.12	1.09	2,780	2,620	93
02...	<.1	3.1	14	<.5	.9	.98	1.06	2,470	2,650	82
02...	<.1	2.7	14	<.5	.8	1	1.02	2,610	2,620	80
03...	.1	9	64	1	4.1	1.48	1.61	5,020	5,050	263
03...	.1	31	115	4.6	8.7	1.74	1.85	6,930	7,240	390
04...	.1	9	18	3.4	3.8	2.4	2.48	7,340	7,570	10
09...	.1	4.1	62	<.5	2.9	1.13	1.22	2,850	2,920	182
11...	.1	4.2	46	<.5	1.9	1.15	1.14	2,790	2,770	119
18...	<.1	2.9	12	<.5	<.5	1.1	1.08	2,710	2,620	41
May										
02...	<.1	2.6	6	<.5	<.5	1.02	.99	2,080	2,180	32
Jun										
21...	.1	2.8	5.7	<.5	<.5	.97	.93	2,280	2,220	22
Jul										
15...	.1	4.2	7.1	<.5	<.5	.9	.92	2,360	2,360	14
Aug										
02...	.1	4.6	21	<.5	.7	.84	.84	2,230	2,220	--
Sep										
01...	.2	7.5	17	<.5	<.5	1.1	1.17	2,770	2,850	13

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 7 of 12
 [Remark codes: <, less than.]

Date	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC (00095)	Temper- ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Calcium water, unfltrd recover -able, mg/L (00916)	Magnes- ium, water, unfltrd recover -able, mg/L (00925)	Magnes- ium, water, unfltrd recover -able, mg/L (00927)	Potas- sium, water, unfltrd recover -able, mg/L (00935)	Potas- sium, water, unfltrd recover -able, mg/L (00937)	Sodium, water, unfltrd recover -able, mg/L (00930)	Sodium, water, unfltrd recover -able, mg/L (00929)	Alka- linity, wat flt fxd end lab, mg/L as CaCO3 (29801)
Oct 11...	--	3.1	1,300	13	96.8	95	16.1	15.7	4.58	4.53	2.36	2.31	--
Nov 08...	--	3.5	822	--	70.3	68.6	9.71	9.29	2.94	2.84	1.57	1.51	--
Dec 01...	11.5	3.4	921	5.1	62.1	61.1	8.56	8.36	2.4	2.34	1.26	1.22	--
Jan 26...	--	3.8	603	2	53.6	56.2	6	6.08	2.28	2.38	.96	.94	--
Feb 23...	--	4.5	470	2.1	55.2	52	5.59	5.42	2.39	2.31	.92	.89	--
Mar 23...	--	4.1	498	2.8	49.2	48.2	4.73	4.63	2.22	2.17	.87	.84	--
Apr 13...	--	4	480	8.6	49	47.4	4.54	4.38	2.26	2.2	.91	.87	<5
May 09...	--	4.3	436	10.4	56.2	52.4	5.3	5	2.72	2.58	1.06	1	--
Jun 07...	--	4.2	452	11.8	59.7	56.2	5.44	5.24	2.97	2.81	1.14	1.08	--
Jul 13...	--	4	551	--	47.2	45.5	3.79	3.79	2.31	2.31	.81	.81	--
Aug 22...	8	3.5	485	14	55.1	52.9	5.18	4.82	3.44	3.27	1.19	1.08	--
24...	--	3.4	703	--	49	47.9	4.2	4.23	2.91	2.91	1.19	.95	--

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued
**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

 Part 8 of 12
 [Remark codes: <, less than.]

Date	Chlor-ide, water, filtrd, mg/L (00940)	Fluor-ide, water, filtrd, mg/L (00950)	Silica, water, filtrd, mg/L (00955)	Silica, water, unfiltrd, mg/L (00956)	Sulfate water, filtrd, mg/L (00945)	Nitrite + nitrate water filtrd, mg/L as N (00631)			Phos-phorus, water, filtrd, mg/L (00666)	Phos-phorus, water, unfiltrd, mg/L (00665)	Alum-inum, water, filtrd, ug/L (01106)	Alum-inum, water, unfiltrd, recover-able, ug/L (01105)	Anti-mony, water, filtrd, ug/L (01095)	Anti-mony, water, unfiltrd, ug/L (01097)	Arsenic water, filtrd, ug/L (01000)
Oct 11...	7	.2	37.3	36.2	690	1	<.01	<.01	13,800	13,300	<.3	<.3	<1		
Nov 08...	7	1.3	24.3	23.7	391	1.2	<.01	<.01	11,200	10,800	<.3	<.3	<1		
Dec 01...	7.2	1.3	22.1	21.6	444	<.08	<.01	<.01	11,600	11,300	<.3	<.3	<1		
Jan 26...	4.3	.14	17.3	17.8	281	.9	<.01	<.01	7,220	7,390	<.3	<.3	<1		
Feb 23...	3	.09	17.4	17.5	238	.6	<.01	<.01	6,300	6,360	<.3	<.3	<1		
Mar 23...	1.6	.4	17.2	16.8	314	.65	<.01	<.01	6,820	6,790	<.3	<.3	<1		
Apr 13...	1.6	.4	18.8	18.2	313	.8	<.01	<.01	7,040	6,880	<.3	<.3	<1		
May 09...	3.5	2.2	24.1	22.7	282	.9	<.01	<.01	6,230	5,910	<.3	<.3	<1		
Jun 07...	3.5	2	26.9	25	300	<.08	<.01	<.01	6,370	6,130	<.3	<.3	<1		
Jul 13...	3.7	.3	18	17.8	245	1.5	<.01	<.01	3,870	4,030	<.3	<.3	<1		
Aug 22...	3.7	.6	20.6	22.7	262	1.5	<.01	<.01	4,480	4,240	<.3	<.3	<1		
24...	3.8	.6	19.6	19.6	278	1.5	<.01	<.01	3,750	3,830	<.3	<.3	<1		

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued
**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

 Part 9 of 12
 [Remark codes: <, less than.]

Date	Arsenic water unfltrd ug/L (01002)	Barium, water, filtrd, ug/L (01005)	Barium, water, recover -able, ug/L (01007)	Beryll- ium, water, filtrd, ug/L (01010)	Beryll- ium, water, recover -able, ug/L (01012)	Bismuth water, filtrd, ug/L (01015)	Bismuth water, unfltrd ug/L (01017)	Cadmium water, filtrd, ug/L (01025)	Cadmium water, unfltrd ug/L (01027)	Cesium, water, filtrd, ug/L (01115)	Cesium, water, unfltrd ug/L (01117)	Chrom- ium, water, filtrd, ug/L (01030)	Chrom- ium, water, unfltrd recover -able, ug/L (01034)
Oct													
11...	<1	18.4	18.8	.7	.7	<.2	<.2	38.6	38.8	1.5	1.5	4.4	4.4
Nov													
08...	<1	16.2	14.7	.6	.6	<.2	<.2	22.6	22.8	.81	.82	4.5	5.3
Dec													
01...	<1	12.2	12.5	.6	.6	<.2	<.2	35.1	35.5	.85	.86	9.2	9.3
Jan													
26...	<1	10.4	10.3	.4	.4	<.2	<.2	15.3	15.9	.62	.62	2.6	4
Feb													
23...	<1	11.4	10.1	.3	.3	<.2	<.2	11.9	11.8	.5	.55	<1	2.4
Mar													
23...	<1	10.4	10.4	.3	.2	<.2	<.2	10.1	10.1	.47	.45	1.1	2.2
Apr													
13...	<1	10.7	10.4	.3	.3	<.2	<.2	11.3	11	.59	.57	1.4	2.2
May													
09...	<1	14.7	13.5	.4	.4	<.2	<.2	10.7	9.92	.76	.72	1	1.9
Jun													
07...	<1	17.2	15.6	.4	.4	<.2	<.2	11.3	10.5	.9	.85	1.2	2.3
Jul													
13...	<1	16.1	16.1	.4	.4	<.2	<.2	12.1	12.3	.89	.9	1	2.4
Aug													
22...	<1	18.2	18.2	.4	.4	<.2	<.2	7.17	7.22	1	.99	1.2	1.4
24...	<1	16.1	16.4	.4	.4	<.2	<.2	6.82	7.04	.91	.92	1.3	1.6

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 10 of 12
 [Remark codes: <, less than.]

Date	Cobalt water, filtrd, ug/L (01035)	Cobalt water, unfltrd recover -able, ug/L (01037)	Copper, water, filtrd, ug/L (01040)	Copper, water, unfltrd recover -able, ug/L (01042)	Gallium water, filtrd, ug/L (01120)	Gallium water, unfltrd ug/L (01122)	Germanium, water, filtrd, ug/L (01125)	Germanium, water, unfltrd ug/L (01127)	Iron, water, filtrd, ug/L (01046)	Iron, water, unfltrd recover -able, ug/L (01045)	Lead, water, filtrd, ug/L (01049)	Lead, water, unfltrd recover -able, ug/L (01051)	Lithium water, filtrd, ug/L (01130)
Oct 11...	731	726	6,720	6,710	.87	.93	.23	.23	90,600	90,600	2.6	2.9	15.6
Nov 08...	361	359	6,400	6,380	.61	.73	.1	.1	26,400	32,600	1.7	1.3	9.8
Dec 01...	480	471	10,900	10,900	1.8	1.9	.2	.2	48,000	48,900	2.3	2.5	7.1
Jan 26...	263	269	4,080	4,200	.3	.55	.07	.07	18,500	25,300	1.2	1.2	3.2
Feb 23...	204	186	3,850	3,120	.2	.34	.05	.06	13,400	15,600	.64	1	5.1
Mar 23...	192	185	2,850	2,780	.1	.24	<.05	<.05	13,400	18,300	.68	.87	1.2
Apr 13...	180	173	4,240	4,120	.2	.27	<.05	<.05	6,400	10,800	.68	.84	3.2
May 09...	164	156	3,670	3,460	.2	.24	<.05	<.05	4,610	8,010	.88	1	7.6
Jun 07...	184	177	3,760	3,480	.2	.25	<.05	<.05	10,300	14,000	.94	1.1	7
Jul 13...	184	190	3,350	3,440	.2	.38	.05	.07	14,500	19,800	1.2	2.4	6.8
Aug 22...	138	134	1,720	1,700	.2	.26	.06	.06	11,900	14,900	1.4	1.7	9.4
24...	131	132	1,570	1,600	.22	.3	.06	.06	14,400	17,300	1.5	1.8	7.5

01139830 PIKE HILL BROOK ABOVE RICHARDSON ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 11 of 12
 [Remark codes: <, less than.]

Date	Lithium water unfltrd recover -able, ug/L (01132)	Mangan- ese, water, unfltrd recover -able, ug/L (01056)	Mangan- ese, water, unfltrd recover -able, ug/L (01055)	Molyb- denum, water, unfltrd recover -able, ug/L (01060)	Molyb- denum, water, unfltrd recover -able, ug/L (01062)	Nickel, water, unfltrd recover -able, ug/L (01065)	Nickel, water, unfltrd recover -able, ug/L (01067)	Selen- ium, water, unfltrd recover -able, ug/L (01145)	Selen- ium, water, unfltrd recover -able, ug/L (01147)	Silver, water, unfltrd recover -able, ug/L (01075)	Silver, water, unfltrd recover -able, ug/L (01077)	Stront- ium, water, unfltrd recover -able, ug/L (01080)	Stront- ium, water, unfltrd recover -able, ug/L (01082)
Oct													
11...	14.8	2,010	1,990	<2	<2	76.7	75.4	2.2	2.1	<3	<3	249	248
Nov													
08...	8.2	1,170	1,160	<2	<2	43.8	43.6	1.6	1.7	<3	<3	177	178
Dec													
01...	6.5	1,090	1,090	<2	<2	51.8	51.2	1.6	2	<3	<3	149	150
Jan													
26...	2.6	777	810	<2	<2	28.5	28.5	1.2	1.4	<3	<3	154	159
Feb													
23...	2.9	712	641	<2	<2	23	21.4	<1	1.1	<3	<3	140	148
Mar													
23...	.5	618	605	<2	<2	21.2	20.6	<1	<1	<3	<3	134	119
Apr													
13...	2.2	670	640	<2	<2	20.2	19.1	<1	<1	<3	<3	117	115
May													
09...	6	611	587	<2	<2	19.4	17.9	<1	<1	<1	<1	136	130
Jun													
07...	7.4	661	608	<2	<2	21.3	19.6	<1	<1	<1	<1	146	139
Jul													
13...	7.2	586	591	<2	<2	20.1	20.6	1.1	1.6	<3	<3	134	136
Aug													
22...	9.2	663	656	<2	<2	17.4	16.9	<1	1	<3	<3	165	165
24...	7.9	658	646	<2	<2	16.9	16.9	<1	1.1	<3	<3	161	163

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
 Part 12 of 12
 [Remark codes: <, less than.]

Date	Thallium, water, filtrd, ug/L (01057)	Thallium, water, unfiltrd ug/L (01059)	Titanium, water, filtrd, ug/L (01150)	Titanium, water, unfiltrd ug/L (01152)	Vanadium, water, filtrd, ug/L (01085)	Vanadium, water, unfiltrd ug/L (01087)	Ytterbium, water, filtrd, ug/L (01194)	Ytterbium, water, unfiltrd ug/L (01196)	Zinc, water, filtrd, ug/L (01090)	Zinc, water, unfiltrd recoverable, ug/L (01092)	Suspended sediment concentration mg/L (80154)
Oct											
11...	.2	.2	13	19	.5	.7	2.08	2.12	6,530	6,580	84
Nov											
08...	.1	.1	8.1	10	<.5	<.5	1.62	1.64	3,770	3,720	59
Dec											
01...	.1	.1	10	15	.8	1.3	1.79	1.78	4,420	4,400	77
Jan											
26...	.1	.1	3.5	5.7	<.5	<.5	1.04	1.07	2,330	2,450	51
Feb											
23...	<.1	<.1	3.6	3.6	<.5	<.5	.84	.84	2,280	1,840	--
Mar											
23...	<.1	<.1	3	3.3	<.5	<.5	.68	.69	1,790	1,760	--
Apr											
13...	<.1	<.1	3.7	3.7	<.5	<.5	.79	.75	1,900	1,740	--
May											
09...	<.1	<.1	1.8	3.1	<.5	<.5	.76	.73	1,660	1,570	7
Jun											
07...	.1	<.1	2	2.7	<.5	<.5	.77	.72	1,890	1,700	23
Jul											
13...	.1	.1	2.5	24	<.5	.8	.74	.74	1,990	1,940	61
Aug											
22...	.1	.1	3.2	9.5	<.5	<.5	.75	.73	1,580	1,580	--
24...	.1	.1	2.8	12	<.5	<.5	.78	.77	1,560	1,580	29

Water-Data Report 2006

01139831 PIKE HILL BROOK AT RICHARDSON ROAD, NEAR BRADFORD, VT

 Upper Connecticut Basin
 Waits Subbasin

LOCATION.--Lat 44°03'49", long 72°17'36" referenced to North American Datum of 1927, Orange County, Hydrologic Unit 01080103, at culvert on Richardson Road, 0.4 mi east of Richardson Road and Morrison Road intersection, 0.48 mi downstream from left-bank tributary, 0.7 mi northwest of Richardson and VT 25 intersection, and 9.5 mi northwest of US 5 and South Main Street (VT 25B) intersection in Bradford.

 DRAINAGE AREA.--0.36 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

WATER-QUALITY FIELD/LAB SAMPLES: Water year 2005.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 6

[Remark codes: <, less than.]

Date	pH, water, unfiltrd units	Specif. conduc- tance, wat unf uS/cm	Temper- ature, water, deg C	Calcium water, filtrd, mg/L	Calcium water unfiltrd mg/L	Magnes- ium, water, recover -able, mg/L	Magnes- ium, water, filtrd, mg/L	Magnes- ium, water, unfiltrd mg/L	Potas- sium, water, unfiltrd mg/L	Potas- sium, water, filtrd, mg/L	Sodium, water, unfiltrd mg/L	Sodium, water, recover -able, mg/L	Chlor- ide, water, filtrd, mg/L
	Dissolved oxygen, mg/L (00300)	Dis- solved oxygen, mg/L (00400)	Field, std (00095)	25 degC (00010)	(00015)	(00916)	(00925)	(00927)	(00935)	(00937)	(00930)	(00929)	(00940)
Aug 03...	8	6.8	285	16.5	52.5	51.5	4.03	3.91	3.9	4	1.63	1.64	2.6

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 2 of 6

[Remark codes: <, less than.]

Date	Nitrite + nitrate				Alum- inum, water, unfiltrd ug/L				Anti- mony, water, unfiltrd ug/L				Arsenic water, filtrd, ug/L	
	Fluor- ide, water, filtrd, mg/L (00950)	Silica, water, filtrd, mg/L (00955)	Silica, water, unfiltrd mg/L (00956)	Sulfate water, filtrd, mg/L (00945)	as N (00631)	Phos- phorus, water, filtrd, mg/L (00666)	Phos- phorus, water, unfiltrd mg/L (00665)	Alum- inum, water, filtrd, ug/L (01106)	(01105)	(01095)	(01097)	(01000)	(01002)	
Aug 03...	.2	14.3	15.2	125	.5	<.01	<.01	15	805	<.3	<.3	<1	<1	

01139831 PIKE HILL BROOK AT RICHARDSON ROAD, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 3 of 6

[Remark codes: <, less than.]

Date	Barium, water, unfltrd (ug/L) (01005)	Barium, water, recover -able, fltrd, (ug/L) (01007)	Beryll- ium, water, unfltrd (ug/L) (01010)	Beryll- ium, water, recover -able, fltrd, (ug/L) (01012)	Bismuth water, unfltrd (ug/L) (01015)	Bismuth water, unfltrd (ug/L) (01017)	Cadmium water, unfltrd (ug/L) (01025)	Cadmium water, unfltrd (ug/L) (01027)	Cesium, water, unfltrd (ug/L) (01115)	Cesium, water, unfltrd (ug/L) (01117)	Chrom- ium, water, unfltrd (ug/L) (01030)	Chrom- ium, water, recover -able, fltrd, (ug/L) (01034)	Cobalt water, fltrd, (ug/L) (01035)
Aug 03...	22.2	22.3	<.05	.08	<.2	<.2	2.6	2.76	.58	.58	<1	<1	44.8

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 4 of 6

[Remark codes: <, less than.]

Date	Cobalt water, unfltrd recover -able, fltrd, ug/L (01037)	Copper, water, unfltrd recover -able, fltrd, ug/L (01040)	Gallium water, unfltrd recover -able, fltrd, ug/L (01042)	Gallium water, unfltrd recover -able, fltrd, ug/L (01120)	German- ium, water, unfltrd recover -able, fltrd, ug/L (01122)	German- ium, water, unfltrd recover -able, fltrd, ug/L (01125)	Iron, water, unfltrd recover -able, fltrd, ug/L (01046)	Iron, water, unfltrd recover -able, fltrd, ug/L (01045)	Lead, water, unfltrd recover -able, fltrd, ug/L (01049)	Lithium water unfltrd recover -able, fltrd, ug/L (01130)	Lithium water unfltrd recover -able, fltrd, ug/L (01132)		
Aug 03...	45.2	43.9	391	<.05	.05	<.05	<.05	<50	1,780	<.05	.3	3.7	3.2

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 5 of 6

[Remark codes: <, less than.]

Date	Mangan- ese, water, unfltrd recover -able, fltrd, ug/L (01056)	Molyb- denum, water, unfltrd recover -able, fltrd, ug/L (01055)	Molyb- denum, water, unfltrd recover -able, fltrd, ug/L (01060)	Nickel, water, unfltrd recover -able, fltrd, ug/L (01062)	Nickel, water, unfltrd recover -able, fltrd, ug/L (01065)	Selen- ium, water, unfltrd recover -able, fltrd, ug/L (01067)	Selen- ium, water, unfltrd recover -able, fltrd, ug/L (01145)	Silver, water, unfltrd recover -able, fltrd, ug/L (01147)	Silver, water, unfltrd recover -able, fltrd, ug/L (01075)	Stront- ium, water, unfltrd recover -able, fltrd, ug/L (01077)	Stront- ium, water, unfltrd recover -able, fltrd, ug/L (01080)	Thall- ium, water, unfltrd recover -able, fltrd, ug/L (01082)	
Aug 03...	410	415	<2	<2	8.3	8.5	<1	<1	<3	<3	171	171	<.1

01139831 PIKE HILL BROOK AT RICHARDSON ROAD, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 6 of 6
 [Remark codes: <, less than.]

Date	Thall- ium, water, unfltrd ug/L (01059)	Titan- ium, water, filtrd, ug/L (01150)	Titan- ium, water, unfltrd ug/L (01152)	Vanad- ium, water, filtrd, ug/L (01085)	Vanad- ium, water, unfltrd ug/L (01087)	Ytterb- ium, water, filtrd, ug/L (01194)	Ytterb- ium, water, unfltrd ug/L (01196)	Zinc, water, water, filtrd ug/L (01090)	Zinc, unfltrd recover -able, ug/L (01092)
Aug 03...	<.1	1.6	1.9	<.5	<.5	<.005	.11	451	522



Water-Data Report 2006

01139832 PIKE HILL BROOK AT CARPENTER PLACE, NEAR BRADFORD, VT

Upper Connecticut Basin
Waits Subbasin

LOCATION.--Lat 44°03'45", long 72°17'19" referenced to North American Datum of 1927, Orange County, Hydrologic Unit 01080103, upstream from culvert on Carpenter Place, 0.3 mi downstream from Richardson Road, 1.9 mi south of Pike Hill Road and VT 25 intersection at Waits River, 3.6 mi upstream of mouth, and 9.3 mi northwest of US 5 and South Main Street (VT 25B) intersection in Bradford.

DRAINAGE AREA.--0.45 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--

MISCELLANEOUS DISCHARGE MEASUREMENTS: Water year 2005.

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Date	Discharge, in ft ³ /s
Nov 1, 2004	0.38
Apr 4, 2005	2.35
Jun 21, 2005	0.72

Water-Data Report 2006

01139832 PIKE HILL BROOK AT CARPENTER PLACE, NEAR BRADFORD, VT

 Upper Connecticut Basin
 Waits Subbasin

WATER-QUALITY RECORDS

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

PERIOD OF RECORD--:

WATER-QUALITY FIELD/LAB SAMPLES: Water year 2005.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
 Part 1 of 12
 [Remark codes: <, less than.]

Date	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, filtrd, mg/L (00915)	Calcium water, unfltrd recover -able, mg/L (00916)	Magnes-ium, water, unfltrd recover -able, mg/L (00925)	Magnes-ium, water, unfltrd recover -able, mg/L (00927)	Potas-sium, water, unfltrd recover -able, mg/L (00935)	Potas-sium, water, unfltrd recover -able, mg/L (00937)	Sodium, water, unfltrd recover -able, mg/L (00930)	Sodium, water, unfltrd recover -able, mg/L (00929)	Alka- linity, wat flt fxd end lab, mg/L as CaCO3 (29801)
Nov													
01...	11.9	7.4	307	6.7	52.6	50	4.12	3.84	3.25	3.07	1.84	1.75	47.30
Apr													
04...	--	6	341	1.8	36.7	38	3.53	3.82	1.7	1.82	.97	.99	--
Jun													
21...	--	7.3	296	19.8	45	42.3	3.11	3	2.47	2.34	1.31	1.22	30.77
Aug													
03...	8	6.8	247	16.4	44.9	45.4	3.39	3.1	3.35	3.39	1.68	1.63	--

01139832 PIKE HILL BROOK AT CARPENTER PLACE, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 2 of 12
 [Remark codes: <, less than.]

Date						Nitrite + nitrate			Alum-inum, water, unfltrd recover-able, ug/L			Anti-mony, water, fltrd, ug/L		Arsenic water, fltrd, ug/L
	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Silica, water, unfltrd, mg/L (00956)	Sulfate water, fltrd, mg/L (00945)	water, fltrd, mg/L as N (00631)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd, mg/L (00665)	Alum-inum, water, fltrd, ug/L (01106)	water, unfltrd, ug/L (01105)	Anti-mony, water, fltrd, ug/L (01095)	Anti-mony, water, unfltrd ug/L (01097)	Arsenic water, fltrd, ug/L (01000)	
Nov 01...	3.1	.1	12.1	11.9	97	.5	<.01	<.01	13	270	<.3	<.3	<1	
Apr 04...	2.8	.2	7.7	9.3	162	.8	<.01	<.01	10	3,400	<.3	<.3	<1	
Jun 21...	2.6	.2	10.8	11.3	108	.5	<.01	<.01	20	1,700	<.3	<.3	<1	
Aug 03...	1.6	.1	11.5	11.2	95	.4	<.01	<.01	15	56	<.3	<.3	<1	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 3 of 12
 [Remark codes: <, less than.]

Date						Beryll-ium, water, unfltrd recover-able, ug/L						Cesium, water, unfltrd recover-able, ug/L		
	Arsenic water, unfltrd ug/L (01002)	Barium, water, fltrd, ug/L (01005)	Barium, water, unfltrd recover-able, ug/L (01007)	Beryll-ium, water, fltrd, ug/L (01010)	Beryll-ium, water, unfltrd recover-able, ug/L (01012)	Bismuth water, fltrd, ug/L (01015)	Bismuth water, unfltrd, ug/L (01017)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd, ug/L (01027)	Cesium, water, fltrd, ug/L (01115)	Cesium, water, unfltrd, ug/L (01117)	Chromium, water, fltrd, ug/L (01030)	Chromium, water, unfltrd recover-able, ug/L (01034)	
Nov 01...	<1	16.6	16.5	<.05	<.05	<.2	<.2	1.62	1.69	.34	.35	<1	<1	
Apr 04...	<1	15.8	18.7	<.05	.1	<.2	<.2	18.9	19.8	.24	.35	<1	3.5	
Jun 21...	<1	16.6	16.5	<.05	.1	<.2	<.2	3.46	3.86	.43	.42	<1	<1	
Aug 03...	<1	18.7	18.4	<.05	<.05	<.2	<.2	1.61	1.65	.46	.45	<1	<1	

01139832 PIKE HILL BROOK AT CARPENTER PLACE, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 4 of 12
 [Remark codes: <, less than.]

Date	Cobalt water, filtrd, ug/L (01035)	Cobalt water, unfltrd recover -able, ug/L (01037)	Copper, water, filtrd, ug/L (01040)	Copper, water, unfltrd recover -able, ug/L (01042)	Gallium water, filtrd, ug/L (01120)	Gallium water, unfltrd ug/L (01122)	Germanium, water, filtrd, ug/L (01125)	Germanium, water, unfltrd ug/L (01127)	Iron, water, filtrd, ug/L (01046)	Iron, water, unfltrd recover -able, ug/L (01045)	Lead, water, filtrd, ug/L (01049)	Lead, water, unfltrd recover -able, ug/L (01051)	Lithium water, filtrd, ug/L (01130)
Nov 01...	28.9	27.6	24	119	<.05	<.05	<.05	<.05	<50	620	<.05	.1	3
Apr 04...	298	308	3,290	4,880	.06	.75	<.05	<.05	18,700	26,400	<.05	1.3	2.5
Jun 21...	57.4	57.3	50.3	896	<.05	.07	<.05	<.05	<50	2,870	.05	.4	1.7
Aug 03...	21.6	21.5	26	64.3	<.05	<.05	<.05	<.05	<50	150	<.05	<.05	2.7

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 5 of 12
 [Remark codes: <, less than.]

Date	Lithium water, unfltrd recover -able, ug/L (01132)	Manganese, water, unfltrd recover -able, ug/L (01056)	Manganese, water, unfltrd recover -able, ug/L (01055)	Molybdenum, water, unfltrd recover -able, ug/L (01060)	Molybdenum, water, unfltrd recover -able, ug/L (01062)	Nickel, water, filtrd, ug/L (01065)	Nickel, water, unfltrd recover -able, ug/L (01067)	Selenium, water, filtrd, ug/L (01145)	Selenium, water, unfltrd ug/L (01147)	Silver, water, filtrd, ug/L (01075)	Silver, water, unfltrd recover -able, ug/L (01077)	Strontium, water, filtrd, ug/L (01080)	Strontium, water, unfltrd recover -able, ug/L (01082)
Nov 01...	2.9	296	281	<2	<2	5.5	5.1	<1	<1	<3	<3	159	154
Apr 04...	2.9	486	531	<2	<2	23.4	25.2	<1	<1	<3	<3	103	108
Jun 21...	2.2	301	290	<2	<2	7.8	7.8	<1	<1	<3	<3	137	133
Aug 03...	2.2	233	230	<2	<2	5.2	5.1	<1	<1	<3	<3	150	148

01139832 PIKE HILL BROOK AT CARPENTER PLACE, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 6 of 12
 [Remark codes: <, less than.]

Date	Thallium, water, filtrd, ug/L (01057)	Thallium, water, unfiltrd ug/L (01059)	Titanium, water, filtrd, ug/L (01150)	Titanium, water, unfiltrd ug/L (01152)	Vanadium, water, filtrd, ug/L (01085)	Vanadium, water, unfiltrd ug/L (01087)	Ytterbium, water, filtrd, ug/L (01194)	Ytterbium, water, unfiltrd ug/L (01196)	Zinc, water, filtrd, ug/L (01090)	Zinc, water, unfiltrd recover- able, ug/L (01092)	Sus- pended sediment concen- tration mg/L (80154)
Nov 01...	<.1	<.1	1.5	2.5	<.5	<.5	<.005	.04	319	339	3
Apr 04...	<.1	<.1	1.4	25	<.5	1.4	.15	.43	1,690	1,780	82
Jun 21...	<.1	<.1	1	2.4	<.5	<.5	<.005	.21	442	636	14
Aug 03...	<.1	<.1	1.2	1.3	<.5	<.5	<.005	.01	247	257	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 7 of 12
 [Remark codes: <, less than.]

Date	pH, water, unfiltrd field, std units (00300)	Specif. conduc- tance, wat unf 25 degC (00095)	Temper- ature, water, deg C (00010)	Calcium water, filtrd, mg/L (00915)	Calcium water, recover -able, mg/L (00916)	Magnes- ium, water, filtrd, recover -able, mg/L (00925)	Magnes- ium, water, filtrd, recover -able, mg/L (00927)	Potas- sium, water, filtrd, recover -able, mg/L (00935)	Potas- sium, water, unfiltrd recover -able, mg/L (00937)	Sodium, water, filtrd, recover -able, mg/L (00930)	Sodium, water, unfiltrd recover -able, mg/L (00929)	Chlor- ide, water, filtrd, mg/L (00940)	
Aug 22...	8	7.3	211	13.1	42.1	42.4	3.3	3.27	2.78	2.78	1.73	1.69	1.7

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 8 of 12
 [Remark codes: <, less than.]

Date	Fluor- ide, water, filtrd, mg/L (00950)	Silica, water, filtrd, mg/L (00955)	Silica, water, unfiltrd mg/L (00956)	Sulfate water, filtrd, mg/L (00945)	Nitrite + nitrate water, filtrd, mg/L as N (00631)	Phos- phorus, water, filtrd, mg/L (00666)	Phos- phorus, water, unfiltrd mg/L (00665)	Alum- inum, water, filtrd, ug/L (01106)	Alum- inum, water, unfiltrd recover -able, ug/L (01105)	Anti- mony, water, filtrd, ug/L (01095)	Anti- mony, water, unfiltrd recover -able, ug/L (01097)	Arsenic water, filtrd, ug/L (01000)	Arsenic water, unfiltrd ug/L (01002)	
Aug 22...	.1	10.5	11.2	83	.6	<.01	<.01	21	538	<.3	<.3	<1	<1	

01139832 PIKE HILL BROOK AT CARPENTER PLACE, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 9 of 12
 [Remark codes: <, less than.]

Date	Barium, water, unfltrd (ug/L) (01005)	Beryll- ium, water, recover -able, fltrd, (ug/L) (01007)	Beryll- ium, water, recover -able, fltrd, (ug/L) (01010)	Bismuth water, unfltrd (ug/L) (01012)	Bismuth water, unfltrd (ug/L) (01015)	Cadmium water, unfltrd (ug/L) (01017)	Cadmium water, unfltrd (ug/L) (01025)	Cesium, water, unfltrd (ug/L) (01027)	Cesium, water, unfltrd (ug/L) (01115)	Cesium, water, unfltrd (ug/L) (01117)	Chrom- ium, water, unfltrd (ug/L) (01030)	Chrom- ium, water, unfltrd (ug/L) (01034)	Cobalt water, fltrd, (ug/L) (01035)
Aug 22...	17.7	18.3	<.05	<.05	<.2	<.2	1.38	1.8	.42	.42	<1	<1	30.2

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 10 of 12
 [Remark codes: <, less than.]

Date	Cobalt water, unfltrd (ug/L) (01037)	Copper, water, unfltrd (ug/L) (01040)	Gallium water, unfltrd (ug/L) (01042)	Gallium water, unfltrd (ug/L) (01120)	German- ium, water, unfltrd (ug/L) (01122)	German- ium, water, unfltrd (ug/L) (01125)	Iron, water, unfltrd (ug/L) (01046)	Iron, water, unfltrd (ug/L) (01045)	Lead, water, unfltrd (ug/L) (01051)	Lithium water, unfltrd (ug/L) (01130)	Lithium water, unfltrd (ug/L) (01132)	Mangan- ese, water, fltrd, (ug/L) (01056)	
Aug 22...	30.9	13.7	233	<.05	<.05	<.05	<.05	<50	1,950	.2	4.1	4.1	251

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 11 of 12
 [Remark codes: <, less than.]

Date	Mangan- ese, water, unfltrd (ug/L) (01055)	Molyb- denum, water, unfltrd (ug/L) (01060)	Nickel, water, unfltrd (ug/L) (01062)	Nickel, water, recover -able, fltrd, (ug/L) (01065)	Selen- ium, water, recover -able, fltrd, (ug/L) (01067)	Selen- ium, water, unfltrd (ug/L) (01145)	Silver, water, unfltrd (ug/L) (01075)	Silver, water, unfltrd (ug/L) (01077)	Stront- ium, water, unfltrd (ug/L) (01080)	Stront- ium, water, unfltrd (ug/L) (01082)	Thall- ium, water, unfltrd (ug/L) (01057)	Thall- ium, water, fltrd, (ug/L) (01059)	
Aug 22...	253	<2	<2	4.5	4.5	<1	<1	<3	<3	131	132	<.1	<.1

01139832 PIKE HILL BROOK AT CARPENTER PLACE, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 12 of 12
 [Remark codes: <, less than.]

Date	Titan- ium, water, filtrd, ug/L (01150)	Titan- ium, water, unfiltrd ug/L (01152)	Vanad- ium, water, filtrd, ug/L (01085)	Vanad- ium, water, unfiltrd ug/L (01087)	Ytterb- ium, water, filtrd, ug/L (01194)	Ytterb- ium, water, unfiltrd ug/L (01196)	Zinc, water, filtrd, ug/L (01090)	Zinc, water, recover- able, ug/L (01092)
Aug 22...	.9	1.3	<.5	<.5	<.005	.08	214	325



Water-Data Report 2006

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT

Upper Connecticut Basin
Waits Subbasin

LOCATION.--Lat 44°03'28", long 72°16'54" referenced to North American Datum of 1927, Orange County, Hydrologic Unit 01080103, on left bank, 5 ft upstream of culvert on Pike Hill Road, 3.0 mi southwest of East Corinth, 3.1 mi upstream of mouth, and 8.9 mi northwest of Bradford.

DRAINAGE AREA.--1.10 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Discharge records: June 2005 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,190 ft above National Geodetic Vertical Datum of 1929, from topographic map.

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

REMARKS.--Records good except those for estimated daily discharges, which are poor.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 8.2 ft³/s, Jul 9, gage height, 1.05 ft; minimum discharge, 0.06 ft³/s, Aug 11, gage height, 0.16 ft
[THE FOLLOWING FLAG(S) APPEARED IN THE ADAPS END-OF-YEAR SUMMARY RETRIEVAL: e, estimated].

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 27 ft³/s, Jul 12, gage height, 1.76 ft; minimum discharge, 0.13 ft³/s, Oct 4, 5, gage height, 0.22 ft.

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued

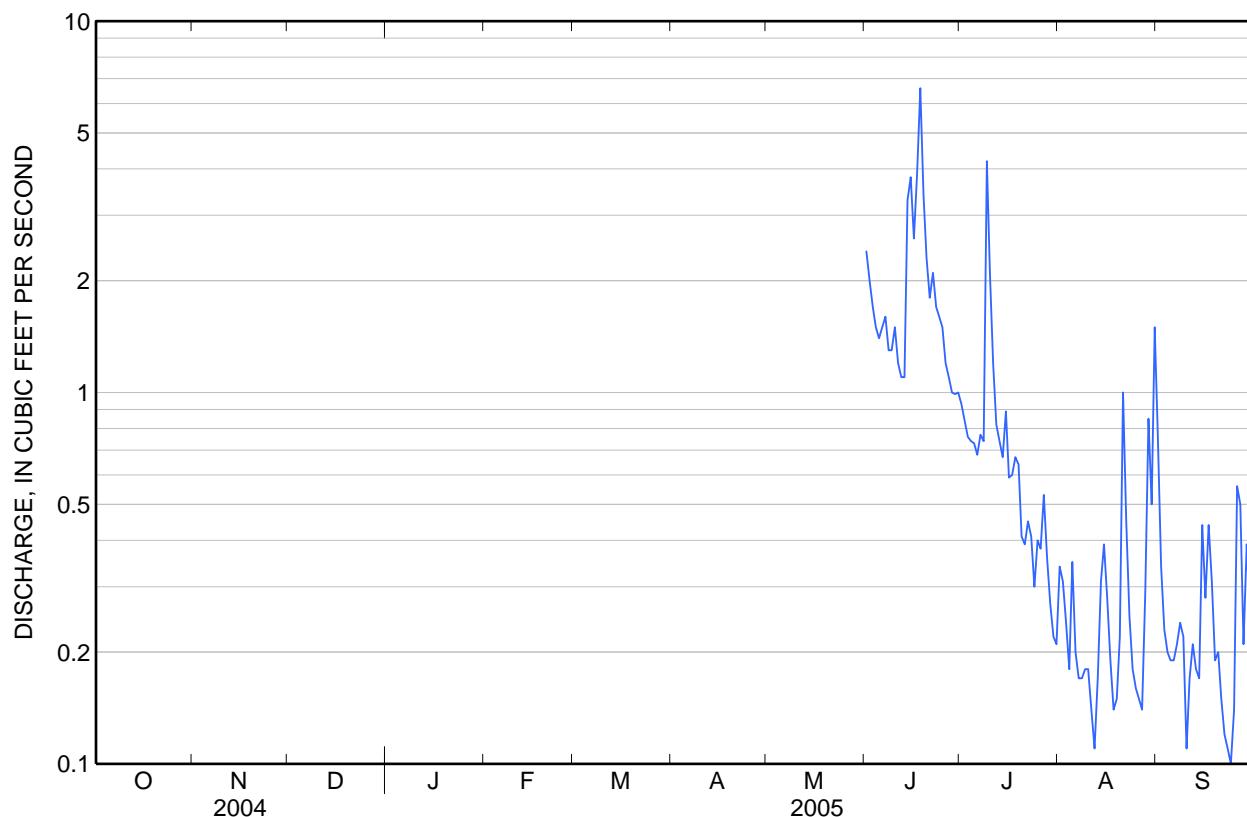
DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[*e*, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	e2.4	0.93	0.34	0.75
2	---	---	---	---	---	---	---	---	e2.0	0.84	0.31	0.34
3	---	---	---	---	---	---	---	---	e1.7	0.76	0.24	0.23
4	---	---	---	---	---	---	---	---	e1.5	0.74	0.18	0.20
5	---	---	---	---	---	---	---	---	e1.4	0.73	0.35	0.19
6	---	---	---	---	---	---	---	---	e1.5	0.68	0.20	0.19
7	---	---	---	---	---	---	---	---	e1.6	0.77	0.17	0.21
8	---	---	---	---	---	---	---	---	e1.3	0.74	0.17	0.24
9	---	---	---	---	---	---	---	---	e1.3	4.2	0.18	0.22
10	---	---	---	---	---	---	---	---	e1.5	2.1	0.18	0.11
11	---	---	---	---	---	---	---	---	e1.2	1.2	0.14	0.17
12	---	---	---	---	---	---	---	---	e1.1	0.82	0.11	0.21
13	---	---	---	---	---	---	---	---	e1.1	0.74	0.17	0.18
14	---	---	---	---	---	---	---	---	e3.3	0.67	0.31	0.17
15	---	---	---	---	---	---	---	---	e3.8	0.89	0.39	0.44
16	---	---	---	---	---	---	---	---	e2.6	0.59	0.28	0.28
17	---	---	---	---	---	---	---	---	e3.9	0.60	0.19	0.44
18	---	---	---	---	---	---	---	---	e6.6	0.67	0.14	0.31
19	---	---	---	---	---	---	---	---	e3.4	0.64	e0.15	0.19
20	---	---	---	---	---	---	---	---	e2.3	0.41	e0.22	0.20
21	---	---	---	---	---	---	---	---	e1.8	0.39	e1.0	0.15
22	---	---	---	---	---	---	---	---	2.1	0.45	e0.45	0.12
23	---	---	---	---	---	---	---	---	1.7	0.41	e0.25	0.11
24	---	---	---	---	---	---	---	---	1.6	0.30	e0.18	0.10
25	---	---	---	---	---	---	---	---	1.5	0.40	e0.16	0.14
26	---	---	---	---	---	---	---	---	1.2	0.38	e0.15	0.56
27	---	---	---	---	---	---	---	---	1.1	0.53	e0.14	0.50
28	---	---	---	---	---	---	---	---	1.0	0.36	e0.29	0.21
29	---	---	---	---	---	---	---	---	0.99	0.27	e0.85	0.39
30	---	---	---	---	---	---	---	---	1.0	0.22	e0.50	0.25
31	---	---	---	---	---	---	---	---	---	0.21	1.5	---
Total	---	---	---	---	---	---	---	---	59.49	23.64	9.89	7.80
Mean	---	---	---	---	---	---	---	---	1.98	0.76	0.32	0.26
Max	---	---	---	---	---	---	---	---	6.6	4.2	1.5	0.75
Min	---	---	---	---	---	---	---	---	0.99	0.21	0.11	0.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2005 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	---	---	---	---	---	---	---	---	1.98	0.76	0.32	0.26
Max	---	---	---	---	---	---	---	---	1.98	0.76	0.32	0.26
(WY)	(--)	(--)	(--)	(--)	(--)	(--)	(--)	(--)	(2005)	(2005)	(2005)	(2005)
Min	---	---	---	---	---	---	---	---	1.98	0.76	0.32	0.26
(WY)	(--)	(--)	(--)	(--)	(--)	(--)	(--)	(--)	(2005)	(2005)	(2005)	(2005)

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued



01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES
[*e*, estimated]

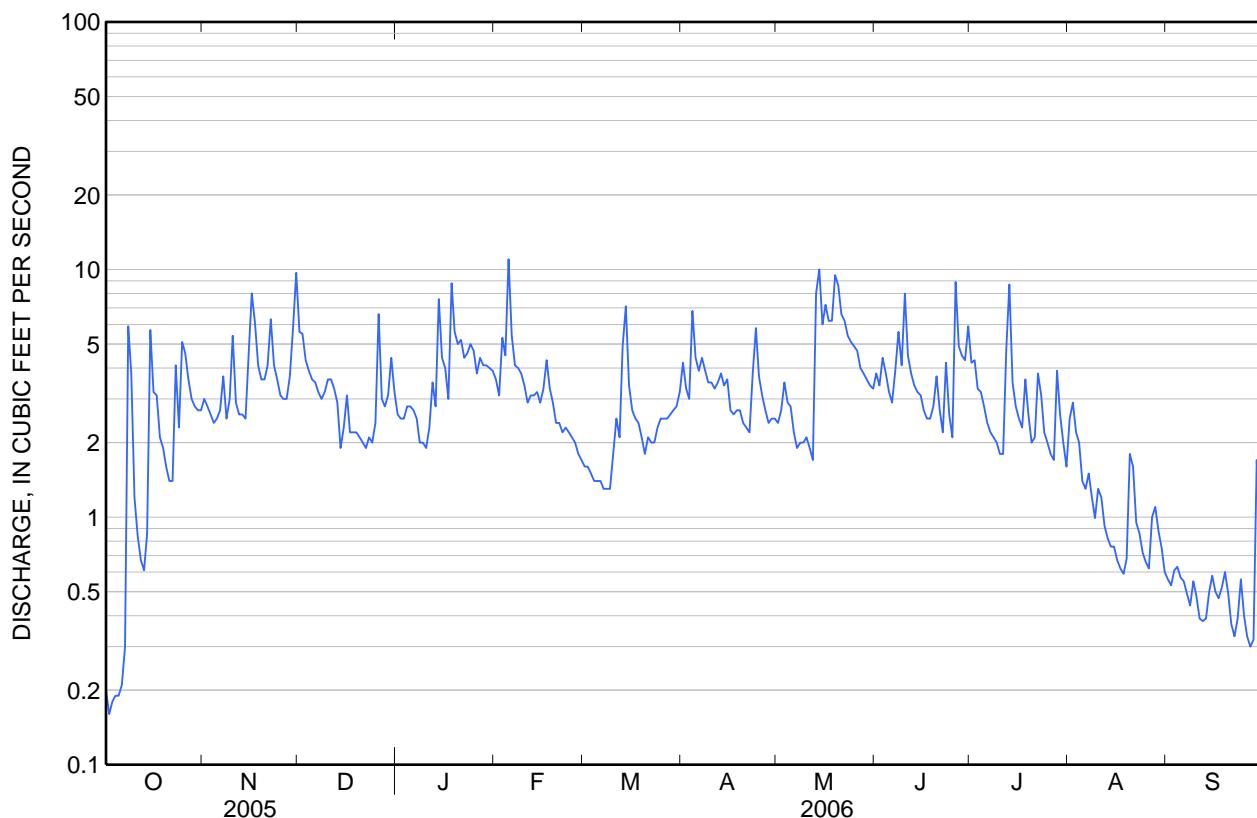
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.20	3.0	5.6	2.6	3.6	1.6	4.2	2.4	3.8	4.2	2.5	0.56
2	0.16	2.8	5.5	2.5	3.1	1.6	3.3	2.7	3.4	4.3	2.9	0.53
3	0.18	2.6	4.3	2.5	5.3	1.5	3.0	3.5	4.4	3.3	2.2	0.61
4	0.19	2.4	3.9	e2.8	4.5	1.4	6.8	2.9	3.8	3.2	2.0	0.63
5	0.19	2.5	3.6	2.8	11	1.4	4.4	2.8	3.2	2.8	1.4	0.57
6	0.21	2.7	3.5	2.7	5.4	1.4	3.9	2.2	2.9	2.4	1.3	0.55
7	0.30	3.7	3.2	e2.5	4.1	1.3	4.4	1.9	3.9	2.2	1.5	0.49
8	5.9	2.5	3.0	2.0	e4.0	1.3	3.9	2.0	5.6	2.1	1.2	0.44
9	3.8	3.0	e3.2	e2.0	e3.8	1.3	3.5	2.0	4.1	2.0	0.99	0.55
10	1.2	5.4	3.6	1.9	e3.4	1.8	3.5	2.1	8.0	1.8	1.3	0.48
11	0.84	2.9	3.6	2.3	e2.9	2.5	3.3	1.9	4.5	1.8	1.2	0.39
12	0.67	2.6	3.3	3.5	e3.1	2.1	3.5	1.7	3.8	4.8	0.92	0.38
13	0.61	2.6	e2.9	2.8	e3.1	4.9	3.8	8.0	3.4	8.7	0.82	0.39
14	0.86	2.5	e1.9	7.6	e3.2	7.1	3.4	10	3.2	3.5	0.76	0.50
15	5.7	4.6	e2.3	4.4	2.9	3.4	3.6	6.0	3.1	2.8	0.76	0.58
16	3.2	8.0	e3.1	4.0	3.3	2.7	2.7	7.2	2.7	2.5	0.67	0.50
17	3.1	6.1	2.2	e3.0	e4.3	2.5	2.6	6.2	2.5	2.3	0.62	0.47
18	2.1	4.1	2.2	8.8	e3.3	2.4	2.7	6.2	2.5	3.6	0.59	0.52
19	1.9	3.6	e2.2	5.6	e2.9	2.1	2.7	9.5	2.8	2.6	0.68	0.60
20	1.6	3.6	2.1	5.0	2.4	1.8	2.4	8.6	3.7	2.0	1.8	0.49
21	1.4	4.1	2.0	e5.2	2.4	e2.1	2.3	6.6	2.7	2.1	1.6	0.37
22	1.4	6.3	1.9	e4.4	2.2	2.0	2.2	6.2	2.2	3.8	0.95	0.33
23	4.1	4.1	2.1	e4.6	2.3	2.0	3.8	5.4	4.2	3.1	0.86	0.39
24	2.3	3.6	2.0	5.0	2.2	2.3	5.8	5.1	2.6	2.2	0.72	0.56
25	5.1	3.1	2.4	4.7	2.1	2.5	3.7	4.9	2.1	2.0	0.66	0.40
26	4.6	3.0	6.6	3.8	2.0	2.5	3.1	4.7	8.9	1.8	0.62	0.33
27	3.6	3.0	3.0	e4.4	1.8	2.5	2.7	4.0	4.9	1.7	1.0	0.30
28	3.0	3.7	e2.8	e4.1	1.7	2.6	2.4	3.8	4.5	3.9	1.1	0.32
29	2.8	5.8	e3.1	4.1	---	2.7	2.5	3.6	4.3	2.6	0.88	1.7
30	2.7	9.7	4.4	4.0	---	2.8	2.5	3.4	5.9	2.0	0.75	0.80
31	2.7	---	e3.2	3.9	---	3.2	---	3.3	---	1.6	0.60	---
Total	66.61	117.6	98.7	119.5	96.3	73.3	102.6	140.8	117.6	89.7	35.85	15.73
Mean	2.15	3.92	3.18	3.85	3.44	2.36	3.42	4.54	3.92	2.89	1.16	0.52
Max	5.9	9.7	6.6	8.8	11	7.1	6.8	10	8.9	8.7	2.9	1.7
Min	0.16	2.4	1.9	1.9	1.7	1.3	2.2	1.7	2.1	1.6	0.59	0.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2005 - 2006, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	2.15	3.92	3.18	3.85	3.44	2.36	3.42	4.54	2.95	1.83	0.74	0.39
Max	2.15	3.92	3.18	3.85	3.44	2.36	3.42	4.54	3.92	2.89	1.16	0.52
(WY)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)
Min	2.15	3.92	3.18	3.85	3.44	2.36	3.42	4.54	1.98	0.76	0.32	0.26
(WY)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2005)	(2005)	(2005)	(2005)

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued**SUMMARY STATISTICS**

	Water Year 2006		Water Years 2005 - 2006	
Annual total	1,074.29			
Annual mean	2.94		2.94	
Highest annual mean			2.94	2006
Lowest annual mean			2.94	2006
Highest daily mean	11	Feb 5	11	Feb 5, 2006
Lowest daily mean	0.16	Oct 2	0.10	Sep 24, 2005
Annual seven-day minimum	0.20	Oct 1	0.14	Sep 19, 2005
Maximum peak flow	^a 27	Jul 12	^a 27	Jul 12, 2006
Maximum peak stage	1.76	Jul 12	1.76	Jul 12, 2006
Instantaneous low flow	0.13	Oct 4 ^b	0.06	Aug 11, 2005
10 percent exceeds	5.2		5.2	
50 percent exceeds	2.7		2.7	
90 percent exceeds	0.61		0.61	

^a From rating curve extended above 6.8 ft³/s^b Also Oct. 5



Water-Data Report 2006

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT

Upper Connecticut Basin
Waits Subbasin

WATER-QUALITY RECORDS

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

PERIOD OF RECORD.--

WATER TEMPERATURE: June 2005 to current year.

SPECIFIC CONDUCTANCE: June 2005 to current year.

pH: June 2005 to current year.

WATER-QUALITY FIELD/LAB SAMPLES: Water year 2005 to current year.

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued
**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
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21	---	---	---	---	---	---	---	---	---	---	---	---
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23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
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27	---	---	---	---	---	---	---	---	---	---	---	---
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30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued
**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
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26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued
**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	18.3	16.4	17.2	17.4	14.8	16.0	18.1	15.8	17.2
2	---	---	---	17.1	14.2	16.1	18.2	14.7	16.6	17.3	13.9	15.7
3	---	---	---	16.7	12.2	14.6	18.5	15.6	17.0	16.2	14.1	15.2
4	---	---	---	17.6	13.0	15.3	17.7	14.2	16.1	15.2	13.1	14.3
5	---	---	---	17.5	14.0	15.8	18.8	16.2	17.3	14.6	11.0	12.9
6	---	---	---	16.3	15.3	15.8	17.1	14.2	15.8	14.7	10.7	12.8
7	---	---	---	16.1	14.8	15.4	17.1	12.6	15.0	14.9	11.3	13.2
8	---	---	---	15.2	13.9	14.7	17.7	13.6	15.7	15.2	11.7	13.6
9	---	---	---	15.4	13.8	14.7	18.4	14.6	16.4	14.7	12.2	13.7
10	---	---	---	17.9	14.2	15.9	18.9	15.2	17.0	12.6	9.7	11.3
11	---	---	---	19.1	16.2	17.4	18.9	16.3	17.3	13.1	8.3	10.7
12	---	---	---	18.3	14.4	16.5	18.1	15.6	16.7	15.6	10.8	13.2
13	---	---	---	18.7	16.0	17.2	19.3	16.8	17.8	16.7	13.4	14.9
14	---	---	---	18.4	16.2	17.3	17.2	16.4	16.8	17.1	14.1	15.5
15	---	---	---	19.1	16.0	17.5	17.7	15.9	16.7	16.3	15.1	15.8
16	---	---	---	18.5	14.6	16.6	17.8	15.2	16.5	16.0	15.1	15.5
17	---	---	---	18.9	16.6	17.7	17.0	14.1	15.5	16.2	15.3	15.7
18	---	---	---	19.1	17.5	18.2	14.7	12.0	13.4	15.7	13.6	15.1
19	---	---	---	20.6	17.7	18.9	15.2	11.5	13.4	15.1	11.9	13.5
20	---	---	---	19.8	16.7	18.2	15.1	14.2	14.7	15.2	13.0	13.9
21	---	---	---	18.7	14.9	17.0	18.9	15.0	16.8	15.3	13.0	14.1
22	16.7	13.2	15.3	19.0	16.0	17.3	---	---	---	15.1	11.4	13.3
23	15.1	11.0	13.3	17.7	15.2	16.5	---	---	---	14.9	11.7	13.9
24	16.1	12.5	14.4	16.4	13.2	15.1	---	---	---	12.0	9.1	10.6
25	18.6	13.8	16.2	17.4	14.3	15.8	---	---	---	11.2	7.8	9.5
26	19.4	15.7	17.5	17.9	14.4	16.3	---	---	---	13.8	11.2	12.4
27	19.4	15.8	17.6	18.4	16.3	17.2	---	---	---	13.7	10.5	12.7
28	19.6	16.3	17.7	17.0	14.3	15.8	---	---	---	12.3	8.5	10.5
29	17.2	16.2	16.7	16.5	12.8	14.9	---	---	---	12.5	10.4	11.6
30	19.0	15.8	17.3	16.8	14.0	15.5	17.3	16.5	16.8	10.9	8.7	9.8
31	---	---	---	15.6	13.2	14.6	19.0	16.5	17.7	---	---	---
Month	---	---	---	20.6	12.2	16.4	---	---	---	18.1	7.8	13.4

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued
**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

***** THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *****

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	
October				November				December				January	
1	11.3	7.1	9.2	---	---	---	5.3	4.0	4.3	0.7	0.2	0.4	
2	12.0	8.4	10.2	---	---	---	4.2	1.5	3.5	1.3	0.6	0.9	
3	12.9	9.4	11.1	---	---	---	2.0	0.8	1.6	1.4	0.4	1.0	
4	13.4	9.9	11.6	---	---	---	1.9	0.5	1.2	0.5	0.0	0.2	
5	13.6	10.7	12.1	---	---	---	2.1	0.8	1.4	1.1	0.3	0.7	
6	14.4	11.2	12.7	---	---	---	1.8	1.0	1.5	1.1	0.5	1.0	
7	15.3	12.6	14.0	---	---	---	1.0	0.1	0.6	0.5	0.0	0.1	
8	16.1	12.0	14.1	---	---	---	0.2	0.1	0.2	0.3	0.0	0.1	
9	12.3	11.5	11.9	---	---	---	0.4	0.1	0.2	1.0	0.1	0.4	
10	12.3	11.7	12.0	---	---	---	1.7	0.4	1.2	1.2	0.5	1.0	
11	13.0	12.0	12.4	---	---	---	1.7	0.7	1.2	1.4	0.3	0.9	
12	12.5	10.6	11.3	---	---	---	1.9	0.2	1.3	1.8	0.6	1.2	
13	10.7	10.1	10.4	---	---	---	0.3	0.2	0.3	1.9	0.7	1.3	
14	11.8	10.6	11.2	---	---	---	0.3	0.3	0.3	1.8	0.4	1.2	
15	12.3	11.3	11.9	---	---	---	0.3	0.3	0.3	0.5	0.0	0.0	
16	11.3	9.6	10.3	7.2	4.7	5.9	0.3	0.3	0.3	0.0	0.0	0.0	
17	9.6	9.0	9.3	6.8	4.3	5.5	0.9	0.3	0.6	0.0	0.0	0.0	
18	9.8	8.7	9.3	4.3	2.1	3.1	1.4	0.9	1.2	0.0	0.0	0.0	
19	10.5	9.4	9.8	3.0	1.3	2.1	1.2	0.6	1.0	0.7	0.0	0.3	
20	9.4	7.0	8.2	4.0	1.7	2.9	1.2	0.4	0.9	1.6	0.4	1.0	
21	7.9	5.6	6.6	5.2	3.4	4.3	0.8	0.2	0.5	2.3	0.7	1.6	
22	6.8	4.8	5.9	4.7	1.9	3.9	0.8	0.3	0.6	0.7	0.0	0.1	
23	6.5	4.8	5.8	1.9	0.1	1.3	1.6	0.8	1.3	0.6	0.0	0.1	
24	7.4	6.3	6.8	1.4	0.1	0.6	1.8	1.5	1.6	1.0	0.0	0.5	
25	7.2	4.1	6.0	1.1	0.1	0.5	2.0	0.3	1.6	1.4	0.7	1.0	
26	5.5	4.2	4.9	1.5	0.1	0.9	1.9	0.3	1.2	1.0	0.0	0.5	
27	---	---	---	2.3	0.8	1.7	0.8	0.1	0.4	0.0	0.0	0.0	
28	---	---	---	3.1	2.3	2.7	1.0	0.1	0.3	1.0	0.0	0.4	
29	---	---	---	6.1	2.5	4.3	1.8	1.0	1.4	1.6	0.9	1.2	
30	---	---	---	7.0	5.3	6.4	1.5	0.1	0.7	1.4	1.0	1.2	
31	---	---	---	---	---	---	0.2	0.1	0.1	1.5	1.0	1.2	
Month	---	---	---	---	---	---	5.3	0.1	1.1	2.3	0.0	0.6	

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued
**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

***** THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *****

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
February				March				April				May
1	1.7	1.2	1.4	0.5	0.2	0.4	5.7	3.1	4.1	10.6	5.7	8.1
2	1.6	0.5	1.2	0.8	0.5	0.6	5.4	2.5	3.7	8.3	6.9	7.6
3	1.5	0.3	1.1	0.6	0.2	0.4	4.1	1.3	2.9	8.2	6.8	7.4
4	2.4	1.1	1.7	0.7	0.3	0.5	3.2	1.1	1.8	13.0	7.6	10
5	2.2	1.0	1.7	0.9	0.6	0.7	2.9	0.2	1.5	13.8	9.5	11.4
6	1.7	0.4	0.9	1.0	0.5	0.7	4.1	1.1	2.5	11.8	8.6	10.2
7	0.4	0.0	0.0	0.9	0.2	0.6	3.6	2.1	2.9	10.3	6.2	8.1
8	0.0	0.0	0.0	0.9	0.1	0.6	3.2	1.4	2.4	11.7	5.3	8.5
9	0.0	0.0	0.0	0.9	0.8	0.9	5.0	0.3	2.4	11.0	7.0	9.1
10	0.0	0.0	0.0	1.0	0.5	0.8	6.3	1.0	3.4	12.1	8.6	10.4
11	0.0	0.0	0.0	1.4	0.2	0.7	6.6	1.9	4.1	12.0	9.9	10.9
12	0.0	0.0	0.0	1.4	0.5	1.0	8.1	3.0	5.5	10.8	9.8	10.3
13	0.0	0.0	0.0	1.3	0.0	0.7	8.6	6.0	7.0	10.0	8.2	9.0
14	0.1	0.0	0.0	1.7	0.4	1.1	---	---	---	8.7	7.9	8.3
15	0.6	0.1	0.3	0.7	0.0	0.3	---	---	---	9.2	8.2	8.6
16	0.9	0.6	0.7	0.8	0.0	0.1	---	---	---	8.9	8.4	8.6
17	0.9	0.0	0.5	0.0	0.0	0.0	---	---	---	9.8	7.9	8.8
18	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	11.4	8.6	9.7
19	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	10.0	8.2	9.2
20	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	9.8	7.7	8.7
21	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	9.0	7.5	8.2
22	0.2	0.0	0.1	0.2	0.0	0.1	7.3	5.1	6.2	7.8	6.5	7.1
23	0.6	0.1	0.3	0.6	0.2	0.4	5.3	4.5	4.9	9.8	6.3	7.8
24	0.6	0.3	0.5	1.3	0.6	0.9	5.8	4.2	5.0	11.9	7.8	9.6
25	0.4	0.0	0.1	1.9	0.9	1.3	7.1	4.2	5.7	13.4	7.4	10.3
26	0.4	0.2	0.3	2.2	0.9	1.5	7.8	2.5	5.1	13.7	9.6	11.5
27	0.3	0.1	0.2	3.1	0.2	1.5	7.7	4.5	6.0	13.5	11.2	12.2
28	0.4	0.1	0.3	3.7	0.1	1.7	8.1	2.9	5.3	15.0	9.8	12.3
29	---	---	---	4.4	0.3	2.2	9.2	3.2	6.1	15.2	11.5	13.2
30	---	---	---	5.0	1.0	2.7	10.8	4.4	7.5	16.2	12.0	13.9
31	---	---	---	6.4	1.3	3.6	---	---	---	16.9	12.6	14.6
Month	2.4	0.0	0.4	6.4	0.0	0.8	---	---	---	16.9	5.3	9.8

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued
**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

***** THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *****

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	15.2	13.3	14.5	16.7	12.8	14.7	20.4	16.6	18.5	14.5	10.9	12.8
2	14.5	12.2	13.3	17.9	14.5	16.0	21.7	18.2	19.7	13.8	12.2	12.9
3	13.4	11.1	12.2	17.6	14.6	16.2	19.5	18.1	18.9	13.3	12.0	12.6
4	11.2	10.6	10.9	17.9	15.4	16.7	19.7	17.3	18.4	14.2	13.0	13.6
5	12.5	10.3	11.2	17.8	16.0	16.8	18.1	15.2	17.0	14.7	13.4	14.0
6	14.4	9.8	12.1	17.4	14.7	15.9	17.1	13.3	15.4	14.6	13.6	14.0
7	12.7	11.4	12.1	17.1	14.8	15.7	19.0	15.8	17.2	15.1	12.9	14.0
8	11.9	10.9	11.4	17.3	13.4	15.3	17.6	14.9	16.6	15.1	11.6	13.4
9	12.0	11.0	11.4	17.5	14.2	15.8	16.8	13.2	15.1	15.0	12.0	13.6
10	11.3	9.6	10.8	17.9	14.6	16.1	16.7	13.5	15.1	13.6	10.2	11.9
11	11.1	9.1	10.1	17.5	14.8	15.9	15.5	13.3	14.4	11.8	8.4	10.2
12	12.9	10.4	11.4	17.1	14.4	15.6	14.7	11.7	13.2	11.7	7.7	9.7
13	14.3	10.5	12.3	18.7	15.4	16.9	14.8	12.0	13.4	11.2	8.6	10
14	13.9	11.8	12.9	19.5	15.9	17.6	15.8	11.4	13.7	12.5	11.0	11.8
15	14.7	11.9	13.2	18.6	16.1	17.4	16.5	14.1	15.3	14.0	12.5	13.1
16	15.8	11.4	13.6	19.8	16.6	18.0	16.6	14.3	15.4	14.7	12.2	13.4
17	14.9	11.9	13.6	19.4	16.8	18.1	16.4	13.1	14.8	14.7	11.4	13.1
18	17.7	13.0	15.2	19.3	17.2	18.2	17.1	13.4	15.2	15.7	12.0	13.8
19	18.1	14.5	15.9	18.8	15.5	17.2	16.6	14.5	15.5	15.2	13.5	14.3
20	16.9	13.9	15.1	18.7	15.1	16.9	16.4	15.5	15.9	13.9	11.7	12.9
21	15.8	11.8	13.9	18.0	16.4	17.1	16.5	14.2	15.7	12.4	9.6	10.8
22	15.6	12.6	14.0	17.4	15.8	16.5	15.9	13.0	14.5	11.7	8.9	10.2
23	16.1	14.1	15.0	16.3	14.6	15.8	15.6	13.3	14.6	11.7	10.2	10.9
24	16.2	13.8	14.9	17.1	13.4	15.3	14.3	12.4	13.3	13.9	11.3	12.5
25	16.7	13.4	15.0	18.0	14.4	16.2	14.3	11.9	13.0	12.3	10.1	11.5
26	15.5	13.9	14.5	19.3	15.8	17.5	14.9	12.5	13.6	11.4	9.2	10.3
27	17.6	14.7	15.9	19.2	16.3	17.8	13.1	12.5	12.9	11.4	7.2	9.3
28	16.1	15.1	15.6	18.8	17.2	17.9	14.4	12.4	13.3	12.5	9.2	11.0
29	17.1	14.7	15.7	19.4	16.2	17.8	14.7	13.9	14.3	12.1	9.8	11.4
30	16.9	14.3	15.5	18.3	15.6	17.3	15.3	12.2	14.1	10.6	7.5	9.3
31	---	---	---	17.4	13.6	15.7	14.1	10.6	12.3	---	---	---
Month	18.1	9.1	13.4	19.8	12.8	16.6	21.7	10.6	15.2	15.7	7.2	12.1

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
				June			July			August		
1	---	---	---	253	246	251	265	257	262	253	238	245
2	---	---	---	254	249	252	266	262	264	264	253	261
3	---	---	---	255	253	254	265	262	264	269	261	265
4	---	---	---	257	254	255	263	260	262	269	262	267
5	---	---	---	260	255	257	267	248	259	268	261	265
6	---	---	---	258	253	256	271	263	267	268	264	266
7	---	---	---	253	248	251	265	261	262	270	264	267
8	---	---	---	252	247	250	262	259	260	271	265	267
9	---	---	---	250	192	214	262	259	260	268	264	266
10	---	---	---	244	214	229	261	257	259	268	262	264
11	---	---	---	254	244	250	260	256	258	268	246	258
12	---	---	---	260	254	256	257	251	256	263	252	258
13	---	---	---	262	259	261	259	251	256	266	260	262
14	---	---	---	265	262	264	256	212	248	265	260	263
15	---	---	---	262	256	257	256	236	252	271	231	258
16	---	---	---	261	255	258	254	251	252	270	258	264
17	---	---	---	264	260	262	254	250	253	273	252	259
18	---	---	---	266	258	264	252	250	251	274	263	267
19	---	---	---	263	258	261	250	248	249	270	264	266
20	---	---	---	265	261	263	254	241	247	270	261	266
21	---	---	---	267	263	265	257	207	231	271	266	268
22	238	209	225	265	260	262	---	---	---	271	267	269
23	238	231	233	270	263	266	---	---	---	270	266	268
24	241	234	237	267	263	265	---	---	---	267	264	265
25	245	238	240	266	262	264	---	---	---	264	262	262
26	248	243	245	266	256	264	---	---	---	264	228	257
27	250	247	249	265	252	259	---	---	---	260	249	253
28	253	249	250	261	257	259	---	---	---	264	257	262
29	255	248	251	264	258	261	---	---	---	265	252	261
30	251	246	248	264	261	262	282	245	253	268	255	261
31	---	---	---	262	256	260	256	218	235	---	---	---
Month	---	---	---	270	192	257	---	---	---	274	228	263

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
***** THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *****

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	263	255	259	---	---	---	216	195	211	168	166	167
2	269	262	265	---	---	---	209	195	203	168	167	168
3	269	263	266	---	---	---	197	195	196	168	167	168
4	268	265	267	---	---	---	198	195	197	174	168	170
5	269	266	268	---	---	---	197	195	196	169	168	168
6	272	268	270	---	---	---	196	194	195	168	168	168
7	273	266	271	---	---	---	198	195	196	177	168	172
8	266	186	200	---	---	---	201	198	200	175	171	173
9	216	189	198	---	---	---	201	194	198	172	169	171
10	260	216	239	---	---	---	196	194	195	169	169	169
11	300	260	281	---	---	---	195	194	195	169	168	169
12	309	295	303	---	---	---	195	194	195	168	156	159
13	312	295	307	---	---	---	199	194	197	162	158	161
14	321	264	307	---	---	---	205	199	204	162	114	140
15	264	161	197	251	156	224	207	202	205	154	122	140
16	319	192	279	216	149	182	202	189	196	164	154	161
17	313	256	281	238	153	207	190	187	188	163	158	161
18	327	302	320	236	223	228	194	190	192	159	107	139
19	306	297	301	224	213	218	195	187	192	178	130	163
20	304	299	300	214	206	210	197	191	194	178	164	173
21	309	302	307	206	204	205	205	192	199	164	146	158
22	311	309	311	206	160	182	201	195	197	166	150	161
23	311	207	236	201	173	190	198	194	196	170	165	168
24	268	223	251	205	198	201	197	192	194	170	168	169
25	269	195	230	203	199	202	195	165	190	171	169	170
26	224	196	215	204	202	203	165	130	145	174	151	170
27	---	---	---	203	201	202	169	155	164	178	145	159
28	---	---	---	202	182	193	184	167	174	177	171	174
29	---	---	---	182	162	172	174	139	168	177	172	174
30	---	---	---	197	150	170	159	134	148	175	171	174
31	---	---	---	---	---	---	172	157	166	175	173	174
Month	---	---	---	---	---	---	216	130	190	178	107	165

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
***** THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *****

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	176	174	175	166	164	166	184	178	182	190	186	188
2	176	174	175	167	165	166	200	184	192	190	186	188
3	175	129	157	168	167	167	208	200	202	188	183	184
4	155	140	151	169	167	168	200	152	174	190	186	188
5	155	109	126	169	168	169	185	172	181	190	188	189
6	154	136	150	171	169	170	190	185	187	193	190	191
7	155	152	154	172	169	171	190	182	188	196	191	194
8	156	152	154	174	172	173	192	184	188	199	194	196
9	159	153	156	173	171	173	193	191	192	197	193	194
10	157	155	156	174	168	171	192	190	191	196	193	194
11	160	155	158	172	150	162	191	189	190	196	191	195
12	158	156	157	166	158	164	190	186	188	197	194	195
13	161	157	159	167	118	151	192	189	190	195	144	172
14	161	156	157	160	140	145	---	---	---	243	146	188
15	164	156	159	177	160	171	---	---	---	249	230	242
16	163	159	160	179	171	176	---	---	---	230	187	213
17	161	127	144	177	162	169	---	---	---	208	187	201
18	157	136	148	184	173	180	---	---	---	206	192	201
19	166	154	161	187	184	186	---	---	---	208	133	179
20	165	154	161	190	187	189	---	---	---	210	159	188
21	167	158	162	193	188	191	---	---	---	210	193	206
22	172	167	169	192	190	191	196	191	194	194	183	188
23	171	162	166	192	176	185	199	163	187	194	190	191
24	163	161	162	181	167	175	200	143	173	192	184	189
25	164	162	164	180	168	174	209	188	191	191	183	187
26	164	163	163	177	168	173	194	190	193	189	183	186
27	165	162	163	177	169	174	194	188	191	191	184	187
28	165	164	165	178	170	175	191	185	188	192	185	189
29	---	---	---	180	175	177	189	186	187	192	187	190
30	---	---	---	182	176	179	190	185	188	191	186	189
31	---	---	---	184	177	181	---	---	---	193	187	189
Month	176	109	158	193	118	173	---	---	---	249	133	193

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
***** THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *****

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	193	178	189	198	178	191	222	191	210	239	236	237
2	193	190	192	198	188	194	218	187	207	239	236	238
3	193	180	188	208	196	200	216	202	210	239	230	237
4	189	183	188	208	196	202	220	211	215	237	234	235
5	190	188	189	210	200	205	226	220	222	238	234	236
6	192	187	189	210	208	210	230	225	226	237	233	236
7	192	173	187	218	209	213	230	223	226	240	235	237
8	187	165	177	221	211	215	232	228	230	243	231	238
9	196	181	190	225	212	218	233	231	232	242	225	237
10	190	147	172	227	217	221	234	213	229	240	234	237
11	203	190	199	227	213	221	228	213	221	239	236	238
12	202	198	200	222	126	205	232	228	231	239	236	237
13	202	194	198	195	128	169	234	232	233	237	235	236
14	199	193	196	201	190	194	238	233	235	238	230	236
15	199	192	196	202	195	198	239	237	238	237	232	234
16	201	194	197	212	196	203	239	237	238	237	233	236
17	202	196	198	213	200	207	242	238	240	237	236	237
18	205	196	199	219	157	199	243	238	241	237	236	237
19	209	192	200	211	196	203	244	241	243	239	235	237
20	198	166	190	216	206	210	241	194	219	239	235	238
21	200	182	193	214	209	211	230	196	217	238	235	237
22	202	193	197	211	166	198	235	230	233	239	236	237
23	203	152	185	209	182	197	235	231	234	240	235	237
24	195	189	192	213	206	209	236	233	235	240	227	236
25	200	192	195	217	209	211	237	235	236	237	234	235
26	201	137	163	219	212	215	238	234	236	238	234	236
27	199	147	183	219	215	217	239	217	228	237	235	236
28	199	173	188	220	166	202	230	219	226	237	234	236
29	192	181	188	209	189	202	235	230	233	237	194	215
30	187	165	176	218	208	212	238	233	235	229	212	223
31	---	---	---	221	217	218	239	237	238	---	---	---
Month	209	137	190	227	126	205	244	187	229	243	194	235

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005********* THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *******

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005********* THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *******

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005********* THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *******

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
June			July			August			September			
1	---	---	---	7.8	7.8	7.8	7.8	7.6	7.7	7.8	7.7	7.8
2	---	---	---	7.9	7.7	7.8	7.7	7.6	7.6	7.7	7.6	7.7
3	---	---	---	7.8	7.8	7.8	7.7	7.6	7.6	7.7	7.6	7.6
4	---	---	---	7.8	7.7	7.8	7.7	7.6	7.6	7.6	7.6	7.6
5	---	---	---	7.8	7.7	7.7	7.8	7.5	7.6	7.6	7.6	7.6
6	---	---	---	7.8	7.7	7.7	7.7	7.6	7.6	7.6	7.5	7.6
7	---	---	---	7.8	7.8	7.8	7.7	7.5	7.6	7.6	7.5	7.5
8	---	---	---	7.8	7.8	7.8	7.7	7.5	7.6	7.6	7.5	7.5
9	---	---	---	7.9	7.7	7.8	7.6	7.5	7.6	7.6	7.5	7.5
10	---	---	---	7.7	7.5	7.6	7.6	7.5	7.5	7.6	7.5	7.5
11	---	---	---	7.5	7.5	7.5	7.6	7.5	7.5	7.6	7.5	7.6
12	---	---	---	7.5	7.4	7.5	7.6	7.5	7.5	7.6	7.5	7.5
13	---	---	---	7.5	7.4	7.5	7.6	7.5	7.5	7.5	7.4	7.5
14	---	---	---	7.5	7.4	7.4	7.8	7.5	7.6	7.5	7.4	7.5
15	---	---	---	7.6	7.4	7.6	7.8	7.6	7.7	7.7	7.5	7.6
16	---	---	---	7.6	7.6	7.6	7.8	7.6	7.7	7.6	7.5	7.6
17	---	---	---	7.6	7.6	7.6	7.7	7.6	7.6	7.7	7.6	7.6
18	---	---	---	7.8	7.6	7.6	7.7	7.5	7.6	7.7	7.6	7.6
19	---	---	---	7.8	7.7	7.7	7.6	7.5	7.6	7.7	7.6	7.6
20	---	---	---	7.7	7.6	7.7	7.7	7.5	7.6	7.7	7.6	7.6
21	---	---	---	7.6	7.5	7.6	7.8	7.5	7.7	7.6	7.6	7.6
22	7.8	7.7	7.8	7.8	7.6	7.7	---	---	---	7.6	7.5	7.5
23	7.8	7.7	7.7	7.8	7.7	7.7	---	---	---	7.6	7.5	7.5
24	7.8	7.7	7.7	7.8	7.7	7.7	---	---	---	7.6	7.5	7.5
25	7.7	7.6	7.7	7.8	7.6	7.7	---	---	---	7.6	7.5	7.5
26	7.7	7.6	7.7	7.8	7.6	7.7	---	---	---	7.7	7.5	7.5
27	7.8	7.6	7.7	7.8	7.6	7.7	---	---	---	7.7	7.6	7.7
28	7.8	7.7	7.8	7.8	7.7	7.8	---	---	---	7.7	7.6	7.6
29	7.8	7.7	7.7	7.8	7.6	7.7	---	---	---	7.7	7.6	7.6
30	7.8	7.7	7.8	7.7	7.6	7.7	7.7	7.5	7.6	7.7	7.6	7.6
31	---	---	---	7.8	7.6	7.7	7.8	7.5	7.7	---	---	---
Max	---	---	---	7.9	7.8	7.8	---	---	---	7.8	7.7	7.8
Min	---	---	---	7.5	7.4	7.4	---	---	---	7.5	7.4	7.5

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006********* THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *******

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median	
October				November				December				January	
1	7.7	7.6	7.6	---	---	---	6.6	6.3	6.4	7.1	7.1	7.1	
2	7.6	7.6	7.6	---	---	---	6.8	6.6	6.7	7.1	7.1	7.1	
3	7.6	7.5	7.6	---	---	---	7.0	6.8	6.9	7.1	7.1	7.1	
4	7.6	7.5	7.5	---	---	---	7.1	6.9	7.0	7.1	7.1	7.1	
5	7.5	7.5	7.5	---	---	---	7.1	7.0	7.1	7.1	7.1	7.1	
6	7.5	7.5	7.5	---	---	---	7.2	7.1	7.1	7.1	7.1	7.1	
7	7.5	7.5	7.5	---	---	---	7.2	7.1	7.2	7.2	7.1	7.1	
8	7.6	7.5	7.6	---	---	---	7.1	7.0	7.1	7.1	7.1	7.1	
9	7.6	7.5	7.5	---	---	---	7.2	7.0	7.1	7.1	7.1	7.1	
10	7.5	7.2	7.3	---	---	---	7.2	7.1	7.2	7.1	7.0	7.1	
11	7.6	7.2	7.5	---	---	---	7.2	7.2	7.2	7.1	7.0	7.0	
12	7.6	7.5	7.6	---	---	---	7.2	7.2	7.2	7.1	7.0	7.1	
13	7.6	7.6	7.6	---	---	---	7.2	7.1	7.2	7.1	7.0	7.1	
14	7.6	7.5	7.6	---	---	---	7.1	7.0	7.1	7.2	7.0	7.1	
15	7.6	7.5	7.6	---	---	---	7.1	7.0	7.0	7.1	7.0	7.1	
16	7.6	6.5	6.6	7.3	6.6	7.1	7.2	7.0	7.1	7.1	7.0	7.0	
17	6.8	6.4	6.6	7.1	6.1	6.2	7.2	7.1	7.2	7.0	7.0	7.0	
18	6.6	6.4	6.4	6.4	6.1	6.2	7.2	7.2	7.2	7.0	6.9	7.0	
19	6.7	6.6	6.7	6.7	6.4	6.5	7.3	7.2	7.2	6.9	6.4	6.7	
20	6.9	6.7	6.8	6.9	6.6	6.7	7.3	7.2	7.3	6.5	6.3	6.4	
21	6.9	6.8	6.8	7.0	6.8	6.9	7.3	7.2	7.2	6.8	6.4	6.5	
22	6.9	6.8	6.8	7.2	7.0	7.1	7.3	7.2	7.3	6.9	6.7	6.8	
23	7.4	6.9	7.3	7.1	6.9	7.0	7.3	7.2	7.2	6.9	6.8	6.8	
24	7.3	6.9	7.0	7.1	6.9	7.0	7.3	7.2	7.2	6.9	6.8	6.8	
25	7.3	6.9	7.2	7.1	7.0	7.0	7.3	7.2	7.3	6.9	6.8	6.8	
26	7.3	6.9	7.0	7.1	7.0	7.1	7.3	7.1	7.2	7.0	6.6	6.8	
27	---	---	---	7.2	7.1	7.2	7.3	7.2	7.2	7.0	6.9	6.9	
28	---	---	---	7.2	7.1	7.2	7.3	7.1	7.2	7.0	6.9	7.0	
29	---	---	---	7.3	7.2	7.2	7.3	7.2	7.2	7.2	7.0	7.1	
30	---	---	---	7.2	6.4	7.0	7.2	7.1	7.2	7.2	7.1	7.1	
31	---	---	---	---	---	---	7.2	7.1	7.1	7.2	7.1	7.2	
Max	---	---	---	---	---	---	7.3	7.2	7.3	7.2	7.1	7.2	
Min	---	---	---	---	---	---	6.6	6.3	6.4	6.5	6.3	6.4	

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006********* THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *******

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
February				March				April				May
1	7.2	7.2	7.2	7.2	7.1	7.1	7.6	7.5	7.5	7.8	7.7	7.7
2	7.2	7.2	7.2	7.3	7.1	7.2	7.6	7.4	7.5	7.8	7.6	7.7
3	7.3	7.1	7.2	7.3	7.2	7.2	7.5	7.4	7.4	7.7	7.6	7.6
4	7.3	7.2	7.3	7.3	7.2	7.3	7.5	7.3	7.4	7.7	7.6	7.6
5	7.3	7.2	7.2	7.3	7.2	7.2	7.4	7.3	7.3	7.7	7.6	7.7
6	7.2	6.9	7.0	7.3	7.2	7.2	7.3	7.2	7.3	7.7	7.6	7.7
7	7.2	7.0	7.0	7.3	7.2	7.2	7.3	7.2	7.2	7.7	7.6	7.7
8	7.2	7.1	7.2	7.3	7.2	7.2	7.3	7.2	7.2	7.7	7.6	7.6
9	7.3	7.1	7.2	7.3	7.2	7.2	7.3	7.2	7.2	7.6	7.5	7.6
10	7.3	7.2	7.2	7.3	7.2	7.3	7.3	7.2	7.2	7.6	7.5	7.5
11	7.2	7.1	7.2	7.3	7.2	7.2	7.3	7.2	7.2	7.6	7.5	7.5
12	7.2	7.1	7.2	7.4	7.2	7.3	7.3	7.2	7.2	7.5	7.5	7.5
13	7.2	7.1	7.1	7.3	7.1	7.3	7.2	7.2	7.2	7.6	7.4	7.5
14	7.1	7.0	7.0	7.2	7.0	7.1	---	---	---	7.4	7.2	7.3
15	7.2	7.0	7.1	7.1	7.0	7.0	---	---	---	7.2	7.1	7.2
16	7.2	7.1	7.1	7.2	7.0	7.1	---	---	---	7.2	7.2	7.2
17	7.4	7.1	7.2	7.2	7.1	7.2	---	---	---	7.2	7.1	7.1
18	7.4	7.3	7.3	7.2	7.1	7.2	---	---	---	7.4	7.1	7.1
19	7.4	7.3	7.3	7.2	7.0	7.1	---	---	---	7.2	6.8	7.1
20	7.5	7.3	7.3	7.1	7.0	7.1	---	---	---	6.9	6.6	6.8
21	7.5	7.3	7.4	7.2	7.0	7.1	---	---	---	6.9	6.6	6.7
22	7.4	7.3	7.3	7.2	7.1	7.1	7.7	7.6	7.7	7.0	6.9	7.0
23	7.4	6.8	7.0	7.5	7.0	7.2	7.7	7.6	7.6	7.3	7.0	7.1
24	7.1	7.0	7.1	7.6	7.4	7.5	7.7	7.5	7.6	7.3	7.2	7.3
25	7.1	7.0	7.1	7.6	7.5	7.5	7.6	7.5	7.6	7.5	7.2	7.4
26	7.2	7.0	7.1	7.6	7.5	7.6	7.7	7.6	7.6	7.5	7.4	7.4
27	7.2	7.1	7.1	7.6	7.6	7.6	7.7	7.6	7.6	7.5	7.3	7.4
28	7.2	7.1	7.1	7.6	7.5	7.6	7.7	7.6	7.6	7.5	7.4	7.4
29	---	---	---	7.6	7.5	7.6	7.7	7.6	7.7	7.6	7.4	7.6
30	---	---	---	7.6	7.5	7.6	7.8	7.6	7.7	7.6	7.5	7.6
31	---	---	---	7.6	7.5	7.6	---	---	---	7.7	7.6	7.6
Max	7.5	7.3	7.4	7.6	7.6	7.6	---	---	---	7.8	7.7	7.7
Min	7.1	6.8	7.0	7.1	7.0	7.0	---	---	---	6.9	6.6	6.7

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006********* THESE DATA ARE NOT FLAGGED "APPROVED" IN THE DATABASE *******

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median	
				June		July		August			September		
1	7.6	7.5	7.6	7.6	7.4	7.5	7.6	7.4	7.5	7.6	7.6	7.6	
2	7.6	7.6	7.6	7.6	7.5	7.5	7.6	7.5	7.6	7.6	7.6	7.6	
3	7.6	7.5	7.6	7.6	7.4	7.6	7.6	7.5	7.6	7.6	7.6	7.6	
4	7.6	7.5	7.6	7.6	7.4	7.6	7.6	7.5	7.6	7.7	7.5	7.6	
5	7.7	7.6	7.6	7.6	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	
6	7.7	7.6	7.7	7.7	7.5	7.6	7.6	7.5	7.6	7.6	7.6	7.6	
7	7.7	7.5	7.6	7.7	7.3	7.6	7.6	7.5	7.6	7.6	7.6	7.6	
8	7.7	7.4	7.5	7.6	7.4	7.6	7.6	7.5	7.6	7.7	7.6	7.6	
9	7.5	7.2	7.4	7.6	7.4	7.5	7.6	7.5	7.5	7.7	7.6	7.6	
10	7.3	7.2	7.2	7.6	7.3	7.5	7.7	7.5	7.6	7.6	7.6	7.6	
11	7.3	7.2	7.2	7.6	7.3	7.4	7.7	7.6	7.6	7.6	7.6	7.6	
12	7.3	7.2	7.2	7.6	7.2	7.4	7.6	7.6	7.6	7.6	7.6	7.6	
13	7.3	7.2	7.3	7.6	7.2	7.4	7.6	7.5	7.6	7.6	7.6	7.6	
14	7.3	7.2	7.3	7.6	7.4	7.5	7.6	7.5	7.5	7.6	7.6	7.6	
15	7.4	7.2	7.3	7.6	7.5	7.6	7.5	7.5	7.5	7.6	7.5	7.6	
16	7.3	7.3	7.3	7.7	7.5	7.6	7.5	7.5	7.5	7.6	7.6	7.6	
17	7.3	7.2	7.3	7.6	7.5	7.6	7.6	7.5	7.5	7.6	7.6	7.6	
18	7.3	7.2	7.2	7.6	7.3	7.5	7.6	7.5	7.6	7.6	7.6	7.6	
19	7.2	7.1	7.2	7.6	7.5	7.6	7.6	7.4	7.5	7.6	7.5	7.6	
20	7.3	7.2	7.2	7.6	7.5	7.6	7.7	7.4	7.6	7.6	7.6	7.6	
21	7.2	7.1	7.2	7.6	7.5	7.5	7.7	7.6	7.7	7.6	7.6	7.6	
22	7.2	7.1	7.2	7.6	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	
23	7.2	7.0	7.1	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.6	
24	7.1	7.0	7.1	7.6	7.5	7.6	7.6	7.6	7.6	7.6	7.5	7.5	
25	7.1	7.0	7.1	7.6	7.5	7.6	7.6	7.6	7.6	7.6	7.5	7.6	
26	7.1	6.9	7.0	7.6	7.5	7.5	7.6	7.6	7.6	7.6	7.5	7.6	
27	7.2	6.9	7.0	7.5	7.5	7.5	7.7	7.6	7.6	7.5	7.5	7.5	
28	7.3	7.1	7.2	7.6	7.4	7.5	7.7	7.6	7.7	7.5	7.5	7.5	
29	7.4	7.3	7.3	7.6	7.5	7.6	7.6	7.5	7.6	7.7	7.5	7.6	
30	7.5	7.3	7.4	7.6	7.5	7.6	7.7	7.6	7.6	7.6	7.6	7.6	
31	---	---	---	7.6	7.5	7.6	7.6	7.6	7.6	---	---	---	
Max	7.7	7.6	7.7	7.7	7.6	7.6	7.7	7.6	7.7	7.7	7.6	7.6	
Min	7.1	6.9	7.0	7.5	7.2	7.4	7.5	7.4	7.5	7.5	7.5	7.5	

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
 Part 1 of 12
 [Remark codes: <, less than.]

Date	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC (00095)	Temper- ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Calcium water, unfltrd recover -able, mg/L (00916)	Magnes- ium, water, unfltrd recover -able, mg/L (00925)	Magnes- ium, water, unfltrd recover -able, mg/L (00927)	Potas- sium, water, unfltrd recover -able, mg/L (00935)	Potas- sium, water, unfltrd recover -able, mg/L (00937)	Sodium, water, unfltrd recover -able, mg/L (00930)	Sodium, water, unfltrd recover -able, mg/L (00929)	Alka- linity, wat flt fxd end lab, mg/L as CaCO3 (29801)
Oct 20...	10	7.7	153	7.2	37.8	34.4	2.55	2.32	2.64	2.46	1.64	1.5	--
Nov 01...	11.6	7.3	237	6.8	36.8	36.5	2.44	2.43	2.35	2.37	1.53	1.54	69.52
Apr 04...	--	6.6	187	1.5	26.1	25.9	1.92	2	1.56	1.58	.85	.83	26.12
Jun 21...	--	7.6	220	15.3	37.6	36.5	2.13	2.11	1.82	1.78	1.43	1.39	69.96
Jul 15...	7.8	7.6	253	17.2	40	39.8	2.31	2.45	2.36	2.38	1.49	1.55	65.44
Aug 03...	8	6.9	211	16.4	45.1	45.1	2.85	2.78	2.93	2.94	2.05	2.01	--
Sep 01...	8.3	7.7	237	17.2	37.4	38	2.38	2.42	2.65	2.67	1.65	1.67	73.58

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
 Part 2 of 12
 [Remark codes: <, less than.]

Date	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Silica, water, unfltrd mg/L (00956)	Sulfate water, fltrd, mg/L as N (00945)	Nitrite + nitrate water fltrd, mg/L (00631)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Alum- inum, water, fltrd, ug/L (01106)	Alum- inum, water, unfltrd recover -able, ug/L (01105)	Anti- mony, water, fltrd, ug/L (01095)	Anti- mony, water, unfltrd ug/L (01097)	Arsenic water, fltrd, ug/L (01000)
Oct 20...	2.5	<.08	8.3	7.7	48	.3	<.01	<.01	9	60	<.3	<.3	<1
Nov 01...	3.3	.09	8	8.1	45	.4	<.01	<.01	7	47	<.3	<.3	<1
Apr 04...	1.7	.1	5.2	6.2	52	.6	<.01	<.01	<2	1,190	<.3	<.3	<1
Jun 21...	2.6	<.08	7	7.1	31.7	.5	<.01	<.01	14	391	<.3	<.3	<1
Jul 15...	2.8	.2	9.2	9.5	51	.5	<.01	<.01	22	218	<.3	<.3	<1
Aug 03...	2	.1	10.9	10.4	50	.5	<.01	<.01	15	31	<.3	<.3	<1
Sep 01...	2	.09	8.3	8.4	40.4	.34	<.01	<.01	13	49	<.3	<.3	<1

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 3 of 12
 [Remark codes: <, less than.]

Date	Arsenic water unfltrd ug/L (01002)	Barium, water, unfltrd ug/L (01005)	Barium, water, recover -able, ug/L (01007)	Beryll- ium, water, unfltrd ug/L (01010)	Beryll- ium, water, recover -able, ug/L (01012)	Bismuth water, filtrd, ug/L (01015)	Bismuth water, unfltrd ug/L (01017)	Cadmium water, filtrd, ug/L (01025)	Cadmium water, unfltrd ug/L (01027)	Cesium, water, filtrd, ug/L (01115)	Cesium, water, unfltrd ug/L (01117)	Chrom- ium, water, unfltrd ug/L (01030)	Chrom- ium, water, recover -able, ug/L (01034)
Oct 20...	<1	16.7	15.5	<.05	<.05	<.2	<.2	.76	.72	.2	.17	<1	<1
Nov 01...	<1	15.4	15.5	<.05	<.05	<.2	<.2	.6	.64	.18	.16	<1	<1
Apr 04...	<1	13	15.2	<.05	.05	<.2	<.2	5.84	6.1	.1	.16	<1	1.6
Jun 21...	<1	14.3	14.1	<.05	<.05	<.2	<.2	.84	.99	.17	.16	1	<1
Jul 15...	<1	16.8	17.8	<.05	<.05	<.2	<.2	1.05	1.21	.26	.27	<1	<1
Aug 03...	<1	19.2	19.5	<.05	<.05	<.2	<.2	.83	.86	.27	.28	<1	<1
Sep 01...	<1	16.1	16.4	<.05	<.05	<.2	<.2	.45	.53	.21	.21	<1	<1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 4 of 12
 [Remark codes: <, less than.]

Date	Cobalt water, filtrd, ug/L (01035)	Cobalt water, recover -able, ug/L (01037)	Copper, water, unfltrd ug/L (01040)	Copper, water, recover -able, ug/L (01042)	Gallium water, filtrd, ug/L (01120)	Gallium water, unfltrd ug/L (01122)	German- ium, water, filtrd, ug/L (01125)	German- ium, water, unfltrd ug/L (01127)	Iron, water, unfltrd ug/L (01046)	Iron, water, recover -able, ug/L (01045)	Lead, water, filtrd, ug/L (01049)	Lead, water, recover -able, ug/L (01051)	Lithium water, filtrd, ug/L (01130)
Oct 20...	10.6	9.96	13.7	34.6	<.05	<.05	<.05	<.05	<50	170	<.05	<.05	1.2
Nov 01...	7.28	7.39	9.2	25.1	<.05	<.05	<.05	<.05	<50	160	<.05	<.05	1.1
Apr 04...	94.2	95.2	296	1,380	<.05	.27	<.05	<.05	2,680	7,410	<.05	.65	.8
Jun 21...	14.3	14.6	29.1	198	<.05	<.05	<.05	<.05	<50	660	<.05	.08	.5
Jul 15...	16.6	17.2	19.2	118	<.05	<.05	<.05	<.05	<50	740	<.05	.52	1.8
Aug 03...	5.26	5.45	15.5	27.7	<.05	<.05	<.05	<.05	<50	140	<.05	<.05	1.9
Sep 01...	5.72	5.94	7.9	22.4	<.05	<.05	<.05	<.05	<50	170	<.05	.06	1.5

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 5 of 12
 [Remark codes: <, less than.]

Date	Lithium water unfltrd recover -able, ug/L (01132)	Mangan- ese, water, unfltrd recover -able, ug/L (01056)	Mangan- ese, water, unfltrd recover -able, ug/L (01055)	Molyb- denum, water, unfltrd recover -able, ug/L (01060)	Molyb- denum, water, unfltrd recover -able, ug/L (01062)	Nickel, water, unfltrd recover -able, ug/L (01065)	Nickel, water, unfltrd recover -able, ug/L (01067)	Selen- ium, water, unfltrd recover -able, ug/L (01145)	Selen- ium, water, unfltrd recover -able, ug/L (01147)	Silver, water, unfltrd recover -able, ug/L (01075)	Silver, water, unfltrd recover -able, ug/L (01077)	Stront- ium, water, unfltrd recover -able, ug/L (01080)	Stront- ium, water, unfltrd recover -able, ug/L (01082)
Oct 20...	1.5	118	112	<2	<2	2.5	2.3	1.4	1.4	<3	<3	127	120
Nov 01...	1.4	84.2	86.1	<2	<2	2.1	2.1	<1	<1	<3	<3	124	125
Apr 04...	1.4	214	259	<2	<2	8	8.4	<1	<1	<3	<3	81.5	82.2
Jun 21...	1.1	84.7	93.9	<2	<2	2.4	2.3	<1	<1	<3	<3	129	126
Jul 15...	1.8	134	140	<2	<2	3.9	4	<1	<1	<3	<3	134	135
Aug 03...	2.5	94	95.6	<2	<2	2.8	3	<1	<1	<3	<3	142	138
Sep 01...	1.8	94	99.3	<2	<2	3.4	3.4	<1	<1	<3	<3	133	135

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 6 of 12
 [Remark codes: <, less than.]

Date	Thall- ium, water, fltrd, ug/L (01057)	Thall- ium, water, unfltrd ug/L (01059)	Titan- ium, water, fltrd, ug/L (01150)	Titan- ium, water, unfltrd ug/L (01152)	Vanad- ium, water, fltrd, ug/L (01085)	Vanad- ium, water, unfltrd ug/L (01087)	Ytterb- ium, water, fltrd, ug/L (01194)	Ytterb- ium, water, unfltrd ug/L (01196)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd recover -able, ug/L (01092)	Sus- pended sediment concentration mg/L (80154)
Oct 20...	<.1	<.1	.5	.7	<.5	<.5	<.005	.01	128	129	--
Nov 01...	<.1	<.1	.8	.6	<.5	<.5	<.005	.008	99	107	0
Apr 04...	<.1	<.1	.6	17	<.5	1	<.005	.13	542	575	40
Jun 21...	<.1	<.1	<.5	1.1	<.5	<.5	<.005	.04	114	169	3
Jul 15...	<.1	<.1	.7	3.2	<.5	<.5	<.005	.03	124	166	4
Aug 03...	<.1	<.1	.6	.7	<.5	<.5	<.005	<.005	99.9	108	--
Sep 01...	<.1	<.1	.7	1.2	<.5	<.5	<.005	.008	42.4	51	<1

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
 Part 7 of 12
 [Remark codes: <, less than.]

Date	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC (00095)	Temper- ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Calcium water, unfltrd recover -able, mg/L (00916)	Magnes- ium, water, unfltrd recover -able, mg/L (00925)	Magnes- ium, water, unfltrd recover -able, mg/L (00927)	Potas- sium, water, unfltrd recover -able, mg/L (00935)	Potas- sium, water, unfltrd recover -able, mg/L (00937)	Sodium, water, unfltrd recover -able, mg/L (00930)	Sodium, water, unfltrd recover -able, mg/L (00929)	Alka- linity, wat flt fxd end lab, mg/L as CaCO3 (29801)
Oct 11...	--	7.5	199	12.7	43.4	44.8	3.75	3.86	3.03	3.1	1.84	1.88	45.35
Nov 08...	10.6	6.9	242	7	34.7	34.4	3	2.98	2.02	2	1.26	1.24	33.19
Dec 01...	11.7	6.4	212	4.1	29.8	29.8	2.53	2.53	1.65	1.64	1.09	1.09	25.52
Jan 26...	--	7.2	172	1	26.9	26.8	1.74	1.72	1.44	1.43	.92	.9	39.14
Feb 23...	--	7.3	166	1	27	27.5	1.65	1.67	1.43	1.44	.94	.94	49.66
Mar 23...	--	7.3	189	1.3	25.7	26.4	1.59	1.64	1.37	1.42	.88	.91	--
Apr 13...	--	7.4	187	7.6	26.5	26	1.67	1.63	1.52	1.46	.96	.93	38.86
May 09...	--	7.6	192	9.3	33.9	33.3	2.24	2.18	1.88	1.81	1.31	1.29	49.65
Jun 07...	--	7.7	193	12.6	33	36.4	2.13	2.33	1.73	1.87	1.36	1.46	51.18
Jul 13...	--	7.6	176	--	25.3	26.2	1.5	1.62	1.46	1.5	1.08	1.08	56.18
Aug 22...	8	7.5	179	13.4	34.3	33.7	2.12	2.12	2.01	2	1.37	1.37	--
24...	--	7.6	234	--	33.6	34.8	2.14	2.17	1.97	2.02	1.43	1.44	71.38

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued
**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

 Part 8 of 12
 [Remark codes: <, less than.]

Date	Chlor-ide, water, filtrd, mg/L (00940)	Fluor-ide, water, filtrd, mg/L (00950)	Silica, water, filtrd, mg/L (00955)	Silica, water, unfiltrd, mg/L (00956)	Sulfate water, filtrd, mg/L (00945)	Nitrite + nitrate water filtrd, mg/L as N (00631)			Phos-phorus, water, filtrd, mg/L (00666)	Phos-phorus, water, unfiltrd, mg/L (00665)	Alum-inum, water, filtrd, ug/L (01106)	Alum-inum, water, unfiltrd, recover-able, ug/L (01105)	Anti-mony, water, filtrd, ug/L (01095)	Anti-mony, water, unfiltrd, ug/L (01097)	Arsenic water, filtrd, ug/L (01000)
Oct 11...	2.2	<.08	9.7	10.4	97	.34	<.01	<.01	8	328	<.3	<.3	<1		
Nov 08...	2	.3	8.3	9.2	75	.3	<.01	<.01	7	1,600	<.3	<.3	<1		
Dec 01...	2	<.08	7.7	8.5	68	.4	<.01	<.01	2	1,380	<.3	<.3	<1		
Jan 26...	2	.09	5.8	6.3	41	.5	<.01	<.01	7	682	<.3	<.3	<1		
Feb 23...	2	.09	5.7	6.1	30.4	.6	<.01	<.01	6	404	<.3	<.3	<1		
Mar 23...	1.4	.35	5.6	6.3	43	.7	<.01	<.01	6	467	<.3	<.3	<1		
Apr 13...	1.5	.43	6.3	6.6	50	.6	<.01	<.01	12	794	<.3	<.3	<1		
May 09...	1.8	<.08	8.5	8.6	43	.4	<.01	<.01	16	605	<.3	<.3	<1		
Jun 07...	1.2	<.08	8.7	10	42	<.08	<.01	<.01	20	699	<.3	<.3	<1		
Jul 13...	1.7	<.08	5.9	6.6	28	.5	<.01	<.01	27	436	<.3	<.3	<1		
Aug 22...	1.8	.09	7.2	7.4	42	.6	<.01	<.01	14	140	<.3	<.3	<1		
24...	6.8	<.08	7.6	7.8	11	.8	<.01	<.01	11	79	<.3	.6	<1		

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued
**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

 Part 9 of 12
 [Remark codes: <, less than.]

Date	Arsenic water unfltrd ug/L (01002)	Barium, water, unfltrd ug/L (01005)	Barium, water, recover -able, ug/L (01007)	Beryll- ium, water, unfltrd ug/L (01010)	Beryll- ium, water, recover -able, ug/L (01012)	Bismuth water, filtrd, ug/L (01015)	Bismuth water, unfltrd ug/L (01017)	Cadmium water, filtrd, ug/L (01025)	Cadmium water, unfltrd ug/L (01027)	Cesium, water, filtrd, ug/L (01115)	Cesium, water, unfltrd ug/L (01117)	Chrom- ium, water, unfltrd recover -able, ug/L (01030)	Chrom- ium, water, unfltrd recover -able, ug/L (01034)
Oct													
11...	<1	19.7	19.9	<.05	<.05	<.2	<.2	3.16	3.64	.27	.28	<1	<1
Nov													
08...	<1	13.2	13.7	<.05	.08	<.2	<.2	3.04	3.38	.17	.18	<1	<1
Dec													
01...	<1	11.8	11.5	<.05	.07	<.2	<.2	4.82	4.95	.14	.15	<1	<1
Jan													
26...	<1	10.4	10.6	<.05	.06	<.2	<.2	1.7	1.95	.1	.11	<1	<1
Feb													
23...	<1	10.9	11.4	<.05	<.05	<.2	<.2	.96	1.11	.08	.1	<1	<1
Mar													
23...	<1	10.2	11.4	<.05	<.05	<.2	<.2	1	1.24	.09	.11	<1	<1
Apr													
13...	<1	11.7	11.2	<.05	<.05	<.2	<.2	1.58	1.68	.14	.14	<1	<1
May													
09...	<1	14.9	14.6	<.05	<.05	<.2	<.2	1.48	1.62	.18	.17	1.7	1.7
Jun													
07...	<1	20.5	16.5	<.05	.05	<.2	<.2	1.27	1.66	.2	.22	1.8	2
Jul													
13...	<1	14	14.7	<.05	<.05	<.2	<.2	.44	.7	.16	.2	<1	<1
Aug													
22...	<1	16.5	16.6	<.05	<.05	<.2	<.2	.68	.8	.24	.24	<1	<1
24...	<1	15.6	15.7	<.05	<.05	<.2	<.2	.62	.74	.22	.23	<1	<1

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
 Part 10 of 12
 [Remark codes: <, less than.]

Date	Cobalt water, ug/L (01035)	Cobalt unfltrd recover -able, ug/L (01037)	Copper water, ug/L (01040)	Copper unfltrd recover -able, ug/L (01042)	Gallium water, ug/L (01120)	Gallium unfltrd water, ug/L (01122)	Germanium water, ug/L (01125)	Germanium unfltrd water, ug/L (01127)	Iron water, ug/L (01046)	Iron unfltrd recover -able, ug/L (01045)	Lead water, ug/L (01049)	Lead unfltrd recover -able, ug/L (01051)	Lithium water, ug/L (01130)
Oct 11...	58.8	61.1	25.5	342	<.05	<.05	<.05	<.05	<50	2,590	.4	.09	2.2
Nov 08...	50.2	50.6	68	778	<.05	.1	<.05	<.05	<50	3,840	.1	.2	2.1
Dec 01...	67.1	67.5	299	1,500	<.05	.22	<.05	<.05	910	5,100	.1	.3	1.9
Jan 26...	29.7	30.3	26.7	430	<.05	.06	<.05	<.05	<50	1,980	.05	.2	1.2
Feb 23...	15.4	16.1	22.7	203	<.05	<.05	<.05	<.05	<50	840	.09	.2	1.3
Mar 23...	19.3	20.8	14.9	188	<.05	<.05	<.05	<.05	<50	1,000	<.05	.1	<.1
Apr 13...	26	25.4	50.6	423	<.05	.05	<.05	<.05	<50	1,070	<.05	.1	<.1
May 09...	21.5	21.3	51	342	<.05	<.05	<.05	<.05	<50	820	<.05	.1	3
Jun 07...	21.9	25.2	34.9	384	<.05	<.05	<.05	<.05	<50	1,520	.09	.2	2.8
Jul 13...	8.44	10.8	24.8	184	<.05	.08	<.05	<.05	<50	1,090	.2	.55	1.5
Aug 22...	11.8	12	12.7	72	<.05	<.05	<.05	<.05	<50	550	<.05	.1	2.4
24...	10.9	11	9.7	41.6	<.05	<.05	<.05	<.05	<50	350	.2	.05	1.6

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 11 of 12
[Remark codes: <, less than.]

Date	Lithium water unfltrd recover -able, ug/L (01132)	Mangan- ese, water, unfltrd recover -able, ug/L (01056)	Mangan- ese, water, unfltrd recover -able, ug/L (01055)	Molyb- denum, water, unfltrd recover -able, ug/L (01060)	Molyb- denum, water, unfltrd recover -able, ug/L (01062)	Nickel, water, unfltrd recover -able, ug/L (01065)	Nickel, water, unfltrd recover -able, ug/L (01067)	Selen- ium, water, unfltrd recover -able, ug/L (01145)	Selen- ium, water, unfltrd recover -able, ug/L (01147)	Silver, water, unfltrd recover -able, ug/L (01075)	Silver, water, unfltrd recover -able, ug/L (01077)	Stront- ium, water, unfltrd recover -able, ug/L (01080)	Stront- ium, water, unfltrd recover -able, ug/L (01082)
Oct													
11...	2.1	275	286	<2	<2	9.8	9.6	<1	<1	<3	<3	140	146
Nov													
08...	1.6	209	211	<2	<2	8.3	8.4	<1	<1	<3	<3	104	104
Dec													
01...	1.2	183	192	<2	<2	9.3	9.1	<1	<1	<3	<3	86.4	86.8
Jan													
26...	1.2	101	108	<2	<2	4	3.9	<1	<1	<3	<3	85.8	85
Feb													
23...	1	69.4	84.1	<2	<2	2.4	2.5	<1	<1	<3	<3	90.4	91.1
Mar													
23...	<.1	75.7	88.5	<2	<2	2.6	2.9	<1	<1	<3	<3	78.5	81.7
Apr													
13...	<.1	101	107	<2	<2	3.4	3.3	<1	<1	<3	<3	83.7	82.1
May													
09...	2.6	99.3	106	<2	<2	3.1	3	<1	<1	<1	<1	109	105
Jun													
07...	2.8	104	124	<2	<2	3.3	3.3	<1	<1	<1	<1	104	115
Jul													
13...	2.1	70.8	111	<2	<2	1.6	1.7	<1	<1	<3	<3	95.3	95.5
Aug													
22...	1.8	133	136	<2	<2	2	2.1	<1	<1	<3	<3	124	126
24...	1.4	128	129	<2	<2	2.4	2	<1	<1	<3	<3	128	125

01139833 PIKE HILL BROOK AT PIKE HILL ROAD WEST CROSSING NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 12 of 12
[Remark codes: <, less than.]

Date	Thall- ium, water, filtrd, ug/L (01057)	Thall- ium, water, unfiltrd ug/L (01059)	Titan- ium, water, filtrd, ug/L (01150)	Titan- ium, water, unfiltrd ug/L (01152)	Vanad- ium, water, filtrd, ug/L (01085)	Vanad- ium, water, unfiltrd ug/L (01087)	Ytterb- ium, water, filtrd, ug/L (01194)	Ytterb- ium, water, unfiltrd ug/L (01196)	Zinc, water, filtrd, ug/L (01090)	Zinc, water, unfiltrd recover- able, ug/L (01092)	Sus- pended sediment concentra- tion mg/L (80154)
Oct											
11...	<.1	<.1	1.6	2.1	<.5	<.5	<.005	.05	522	616	6
Nov											
08...	<.1	<.1	1.4	3.2	<.5	<.5	<.005	.17	483	566	12
Dec											
01...	<.1	<.1	1.4	4.4	<.5	<.5	.006	.19	631	654	13
Jan											
26...	<.1	<.1	<.5	2.6	<.5	<.5	<.005	.09	260	313	6
Feb											
23...	<.1	<.1	<.5	3.1	<.5	<.5	<.005	.05	161	188	--
Mar											
23...	<.1	<.1	<.5	3.6	<.5	<.5	<.005	.05	165	209	--
Apr											
13...	<.1	<.1	.5	2.2	<.5	<.5	<.005	.09	223	273	--
May											
09...	<.1	<.1	<.5	1.6	.5	.5	<.005	.07	184	234	5
Jun											
07...	<.1	<.1	<.5	1.8	.5	.6	<.005	.09	159	257	7
Jul											
13...	<.1	<.1	<.5	9.1	<.5	<.5	<.005	.06	43.1	92.2	15
Aug											
22...	<.1	<.1	.5	1	<.5	<.5	<.005	.03	87.2	119	--
24...	<.1	<.1	.7	.7	<.5	<.5	<.005	.01	104	108	1



Water-Data Report 2006

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT

Upper Connecticut Basin
Waits Subbasin

LOCATION.--Lat 44°03'12", long 72°15'12" referenced to North American Datum of 1927, Orange County, Hydrologic Unit 01080103, on right bank, 50 ft upstream of culvert on Pike Hill Road, 0.4 mi upstream of mouth, 1.7 mi southwest of East Corinth, and 7.4 mi northwest of Bradford.

DRAINAGE AREA.--3.64 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Discharge records: October 2004 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 940 ft above National Geodetic Vertical Datum of 1929, from topographic map.

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

REMARKS.--Records good except those for estimated daily discharges, which are poor.

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[*e*, estimated]

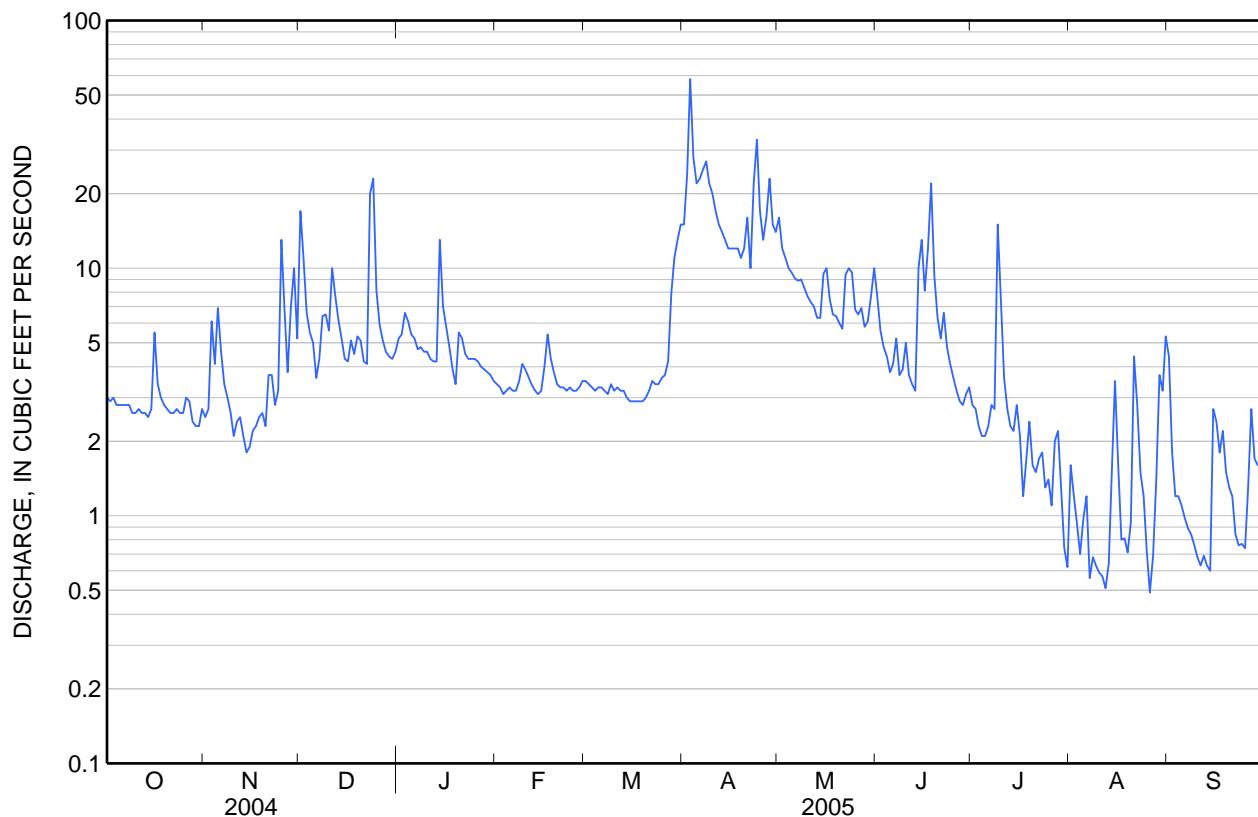
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	e3.0	2.5	17	e5.2	e3.4	3.5	15	16	7.7	2.8	1.6	4.4
2	e2.9	2.7	11	5.4	e3.3	3.4	24	12	5.6	2.7	1.2	1.8
3	e3.0	6.1	6.6	6.6	e3.1	3.3	58	11	4.8	2.3	0.92	1.2
4	e2.8	4.1	5.5	6.1	e3.2	3.2	28	10	4.4	2.1	0.70	1.2
5	e2.8	e6.9	5.0	5.4	e3.3	3.3	22	9.6	3.8	2.1	0.97	1.1
6	e2.8	4.6	e3.6	e5.2	e3.2	3.3	23	9.1	4.1	2.3	1.2	0.98
7	e2.8	3.4	4.3	4.7	e3.2	3.2	25	8.9	5.2	2.8	0.56	0.89
8	e2.8	3.0	6.4	4.8	e3.5	e3.1	27	9.0	3.7	2.7	0.68	0.84
9	e2.6	2.6	6.5	4.6	e4.1	e3.4	22	8.3	3.9	15	0.63	0.76
10	e2.6	2.1	5.6	4.6	e3.9	e3.2	20	7.7	5.0	7.4	0.59	0.68
11	e2.7	2.4	e10	e4.3	e3.6	e3.3	17	7.3	3.7	3.6	0.57	0.63
12	e2.6	2.5	7.8	4.2	e3.4	e3.2	15	7.0	3.4	2.7	0.51	0.69
13	e2.6	2.1	6.2	4.2	e3.2	e3.2	14	6.3	3.2	2.3	0.64	0.63
14	e2.5	1.8	5.2	13	e3.1	e3.0	13	6.3	10	2.2	1.5	0.60
15	e2.7	1.9	e4.3	e7.0	e3.2	e2.9	12	9.5	13	2.8	3.5	2.7
16	e5.5	2.2	4.2	e5.8	e4.0	2.9	12	10	8.1	2.1	1.6	2.4
17	e3.4	2.3	5.1	e4.8	e5.4	2.9	12	7.5	12	1.2	0.80	1.8
18	e3.0	2.5	4.5	e3.9	4.3	2.9	12	6.5	22	1.7	0.81	2.2
19	e2.8	2.6	5.3	3.4	e3.8	2.9	11	6.4	9.3	2.4	0.71	1.5
20	e2.7	2.3	5.1	5.5	3.4	3.0	12	6.0	6.3	e1.6	0.94	1.3
21	e2.6	3.7	e4.2	e5.2	3.3	3.2	16	5.7	5.2	e1.5	4.4	1.2
22	e2.6	3.7	e4.1	e4.5	3.3	3.5	10	9.4	6.6	1.7	2.8	0.84
23	2.7	2.8	20	e4.3	3.2	3.4	22	10	4.8	1.8	1.5	0.76
24	2.6	3.2	23	e4.3	3.3	3.4	33	9.6	4.1	1.3	1.2	0.77
25	2.6	13	e8.1	e4.3	3.2	3.6	17	6.8	3.6	1.4	0.73	0.74
26	3.0	6.9	e5.9	e4.2	3.2	e3.7	13	6.5	3.2	1.1	0.49	1.3
27	2.9	3.8	e5.1	e4.0	3.3	e4.2	16	6.9	2.9	2.0	0.69	2.7
28	2.4	6.9	e4.6	e3.9	3.5	e7.9	23	5.8	2.8	2.2	1.4	1.7
29	2.3	10	e4.4	e3.8	---	e11	15	6.1	3.1	1.3	3.7	1.6
30	2.3	5.2	e4.3	e3.7	---	13	14	7.7	3.3	0.74	3.2	1.6
31	2.7	---	e4.6	e3.5	---	15	---	10	---	0.62	5.3	---
Total	87.3	119.8	217.5	154.4	97.9	135.0	573	258.9	178.8	80.46	46.04	41.51
Mean	2.82	3.99	7.02	4.98	3.50	4.35	19.1	8.35	5.96	2.60	1.49	1.38
Max	5.5	13	23	13	5.4	15	58	16	22	15	5.3	4.4
Min	2.3	1.8	3.6	3.4	3.1	2.9	10	5.7	2.8	0.62	0.49	0.60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2005 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	2.82	3.99	7.02	4.98	3.50	4.35	19.1	8.35	5.96	2.60	1.49	1.38
Max	2.82	3.99	7.02	4.98	3.50	4.35	19.1	8.35	5.96	2.60	1.49	1.38
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)
Min	2.82	3.99	7.02	4.98	3.50	4.35	19.1	8.35	5.96	2.60	1.49	1.38
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)

SUMMARY STATISTICS

Water Year 2005		
Annual total	1,990.61	
Annual mean	5.45	
Highest daily mean	58	Apr 3
Lowest daily mean	0.49	Aug 26
Annual seven-day minimum	0.60	Aug 7
Maximum peak flow	108	Dec 23
Maximum peak stage	2.96	Dec 23
Instantaneous low flow	0.21	Aug 25
10 percent exceeds	12	
50 percent exceeds	3.5	
90 percent exceeds	1.2	



01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES
[*e*, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.1	5.6	13	7.0	8.2	e5.1	11	5.4	9.0	15	7.2	2.2
2	1.2	5.5	11	5.6	7.9	e5.0	9.9	5.9	9.8	12	8.8	2.1
3	0.97	5.2	10	e5.8	14	e4.8	7.7	11	12	9.1	8.7	2.4
4	0.89	5.0	9.6	e6.3	13	e4.7	26	7.7	12	8.0	6.8	2.8
5	0.85	4.8	9.1	e6.4	32	4.7	14	6.0	8.9	7.2	4.8	2.7
6	0.85	5.1	8.5	e6.1	16	4.5	11	5.4	7.4	6.6	3.6	2.2
7	0.85	9.2	7.9	e5.8	11	4.3	11	5.1	10	6.1	4.0	2.1
8	23	6.1	7.9	e5.3	e11	4.1	12	4.7	21	5.9	3.6	1.9
9	20	7.6	8.1	e5.0	e9.9	4.2	8.9	4.5	12	5.5	3.1	2.2
10	5.6	17	8.8	e4.7	8.6	5.5	8.3	4.7	32	4.9	4.5	3.0
11	3.3	7.6	7.8	e5.5	e7.9	8.5	8.1	4.6	13	5.2	5.8	2.1
12	3.0	6.4	7.2	7.5	e8.5	6.7	8.0	4.5	13	12	3.5	1.8
13	2.5	6.1	7.0	5.3	e8.3	18	8.2	33	9.5	47	2.9	1.7
14	2.7	6.4	e6.9	17	e8.7	29	7.6	48	8.7	11	2.8	2.0
15	25	11	e6.7	e9.8	e8.0	12	7.6	18	8.2	8.3	2.5	2.5
16	11	22	e6.5	e9.0	e8.9	e9.5	7.2	19	e5.4	7.0	2.3	2.1
17	9.6	20	e6.2	e7.2	e11	e8.5	6.8	17	e7.0	6.1	2.2	1.8
18	6.0	10	e6.0	39	e8.8	e7.5	6.5	16	e7.2	9.5	2.1	1.7
19	5.5	8.7	e5.9	25	e8.0	6.8	6.0	33	e7.9	9.0	1.8	1.8
20	4.4	8.3	e5.8	14	e6.8	6.2	5.5	30	e14	6.0	6.5	2.1
21	3.7	8.3	5.7	14	e6.8	6.8	5.4	18	11	5.7	8.2	1.7
22	3.6	15	5.7	e13	e6.3	6.2	5.4	18	6.9	12	4.0	1.6
23	14	12	5.5	e12	e6.5	6.1	11	14	16	13	3.3	1.8
24	7.0	8.7	5.4	11	e6.3	6.9	20	12	9.0	7.4	2.7	2.6
25	19	7.9	6.1	9.8	e6.1	7.7	10	11	6.8	6.0	2.5	2.5
26	16	7.6	21	9.4	e5.8	7.9	7.8	10	37	5.1	2.4	1.9
27	9.8	7.4	e10	e9.2	e5.5	e7.4	6.9	9.6	23	4.7	3.6	1.6
28	7.5	9.1	e8.0	e9.2	e5.3	e7.7	6.4	8.6	14	12	4.4	1.5
29	6.7	15	8.6	8.9	---	e7.7	6.0	8.1	13	11	3.4	7.7
30	6.2	26	16	8.6	---	8.2	5.7	7.6	19	6.5	3.0	5.1
31	5.9	---	e9.0	8.5	---	8.7	---	7.2	---	5.0	2.4	---
Total	227.71	294.6	260.9	310.9	265.1	240.9	275.9	407.6	383.7	289.8	127.4	71.2
Mean	7.35	9.82	8.42	10.0	9.47	7.77	9.20	13.1	12.8	9.35	4.11	2.37
Max	25	26	21	39	32	29	26	48	37	47	8.8	7.7
Min	0.85	4.8	5.4	4.7	5.3	4.1	5.4	4.5	5.4	4.7	1.8	1.5

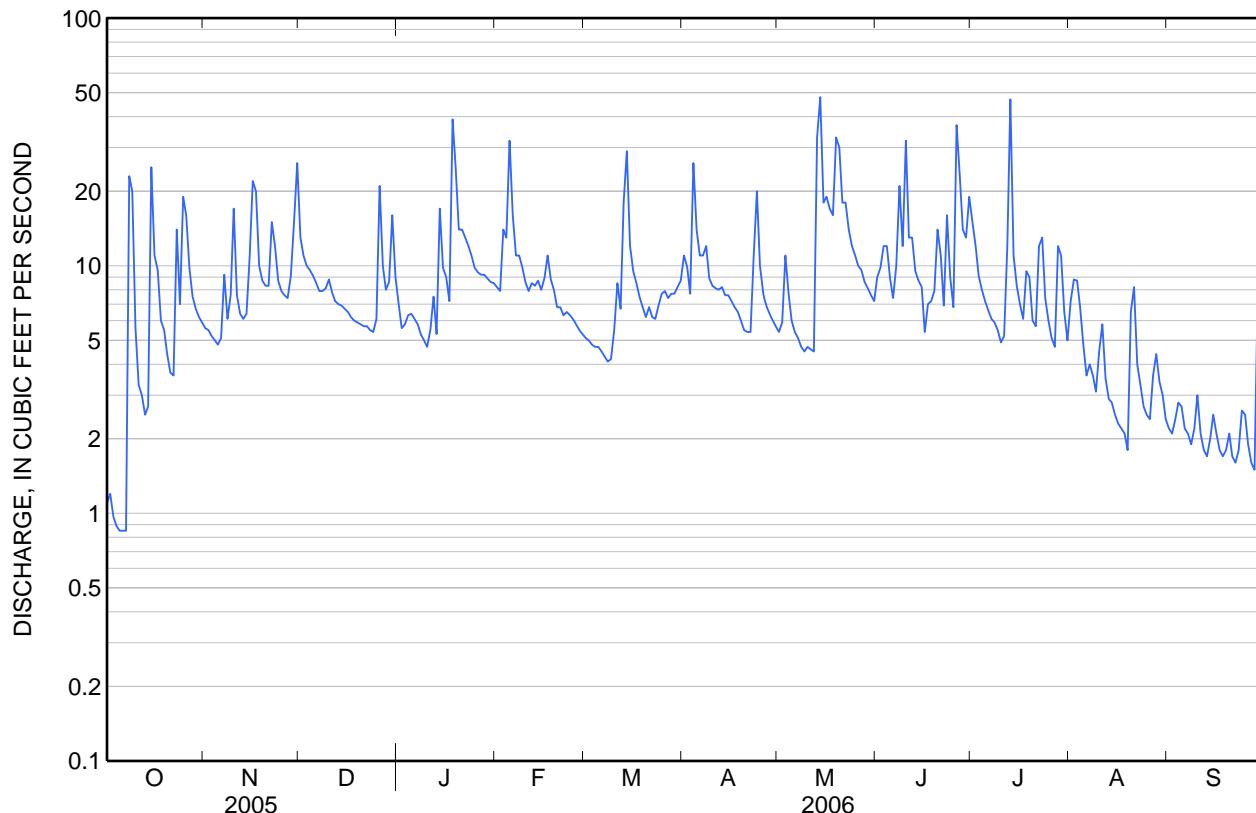
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2005 - 2006, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	5.08	6.91	7.72	7.50	6.48	6.06	14.1	10.8	9.38	5.97	2.80	1.88
Max	7.35	9.82	8.42	10.0	9.47	7.77	19.1	13.1	12.8	9.35	4.11	2.37
(WY)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2005)	(2006)	(2006)	(2006)	(2006)	(2006)
Min	2.82	3.99	7.02	4.98	3.50	4.35	9.20	8.35	5.96	2.60	1.49	1.38
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2006)	(2005)	(2005)	(2005)	(2005)	(2005)

SUMMARY STATISTICS

	Calendar Year 2005	Water Year 2006	Water Years 2005 - 2006
Annual total	2,349.22	3,155.71	
Annual mean	6.44	8.65	7.05
Highest annual mean			8.65
Lowest annual mean			5.45
Highest daily mean	58 Apr 3	48 May 14	58 Apr 3, 2005
Lowest daily mean	0.49 Aug 26	0.85 Oct 5	0.49 Aug 26, 2005
Annual seven-day minimum	0.60 Aug 7	0.96 Oct 1	0.60 Aug 7, 2005
Maximum peak flow		^a 210 Oct 15	^a 210 Oct 15, 2005
Maximum peak stage		4.15 Oct 15	4.15 Oct 15, 2005
Instantaneous low flow		0.57 Aug 19	0.21 Aug 25, 2005
10 percent exceeds	14	16	14
50 percent exceeds	4.4	7.2	5.5
90 percent exceeds	0.98	2.5	1.8

^a From rating curve extended above 108 ft³/s.





Water-Data Report 2006

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT

Upper Connecticut Basin
Waits Subbasin

WATER-QUALITY RECORDS

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

PERIOD OF RECORD.--

WATER TEMPERATURE: November 2004 to current year.

SPECIFIC CONDUCTANCE: November 2004 to current year.

pH: November 2004 to current year.

WATER-QUALITY FIELD/LAB SAMPLES: Water year 2005 to current year.

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued
TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October				November				December			
1	---	---	---	---	---	---	1.8	1.0	1.5	0.1	0.0	0.0
2	---	---	---	---	---	---	1.9	1.1	1.5	0.1	0.0	0.0
3	---	---	---	---	---	---	1.1	0.5	0.8	0.2	0.0	0.1
4	---	---	---	---	---	---	0.7	0.1	0.4	0.2	0.1	0.1
5	---	---	---	---	---	---	0.6	0.0	0.3	0.1	0.0	0.0
6	---	---	---	---	---	---	0.1	0.0	0.0	0.0	0.0	0.0
7	---	---	---	---	---	---	0.1	0.0	0.1	0.0	0.0	0.0
8	---	---	---	---	---	---	0.4	0.1	0.2	0.0	0.0	0.0
9	---	---	---	---	---	---	0.7	0.2	0.4	0.0	0.0	0.0
10	---	---	---	---	---	---	0.6	0.2	0.4	0.1	0.0	0.1
11	---	---	---	---	---	---	0.6	0.4	0.5	0.0	0.0	0.0
12	---	---	---	---	---	---	0.8	0.4	0.6	0.1	0.0	0.0
13	---	---	---	---	---	---	0.7	0.4	0.5	0.2	0.1	0.1
14	---	---	---	---	---	---	0.5	0.0	0.1	0.2	0.0	0.0
15	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0
16	---	---	---	---	---	---	0.1	0.0	0.0	0.0	0.0	0.0
17	---	---	---	---	---	---	0.1	0.0	0.0	0.0	0.0	0.0
18	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0
19	---	---	---	3.1	2.1	2.5	0.1	0.0	0.0	0.0	0.0	0.0
20	---	---	---	2.1	1.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0
21	---	---	---	2.3	1.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0
22	---	---	---	2.9	2.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0
23	---	---	---	2.2	0.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0
24	---	---	---	2.7	1.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0
25	---	---	---	4.2	2.4	3.2	0.0	0.0	0.0	0.0	0.0	0.0
26	---	---	---	2.4	0.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0
27	---	---	---	0.9	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0
28	---	---	---	2.1	0.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0
29	---	---	---	2.1	1.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0
30	---	---	---	1.8	1.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0
31	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0
Month	---	---	---	---	---	---	1.9	0.0	0.2	0.2	0.0	0.0

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued
TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.1	8.2	5.9	6.5
2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	8.7	3.6	6.1
3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	8.9	3.9	6.2
4	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.1	8.2	3.5	6.0
5	0.0	0.0	0.0	0.1	0.0	0.0	1.8	0.1	0.5	10.4	3.2	6.8
6	0.1	0.0	0.0	0.0	0.0	0.0	2.3	0.1	0.7	12.1	4.8	8.3
7	0.1	0.0	0.0	0.1	0.0	0.0	1.6	0.3	0.7	8.9	6.4	7.3
8	0.1	0.0	0.0	0.1	0.0	0.0	3.2	0.3	1.2	7.9	5.9	6.8
9	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	1.5	15.4	6.6	10.3
10	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.1	2.0	17.8	8.6	13.0
11	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.2	1.9	17.9	11.0	14.3
12	0.1	0.0	0.0	0.0	0.0	0.0	4.4	0.0	1.9	15.6	9.8	12.9
13	0.1	0.0	0.0	0.1	0.0	0.0	6.1	0.9	3.0	14.4	6.8	10.2
14	0.1	0.0	0.0	0.1	0.0	0.0	5.9	0.9	3.3	10.1	8.6	9.2
15	0.2	0.0	0.0	0.2	0.0	0.1	7.6	0.3	3.6	8.7	8.1	8.4
16	0.2	0.0	0.1	0.2	0.0	0.1	9.0	0.9	4.6	10.7	7.6	9.0
17	0.1	0.0	0.0	0.3	0.0	0.1	9.4	1.6	5.4	12.4	7.0	9.8
18	0.1	0.0	0.0	0.3	0.0	0.1	10.4	3.1	6.5	11.0	8.4	9.7
19	0.0	0.0	0.0	0.5	0.0	0.1	11.1	2.5	6.8	12.2	7.0	9.6
20	0.0	0.0	0.0	0.4	0.0	0.1	11.7	5.3	8.1	12.7	6.6	9.8
21	0.0	0.0	0.0	0.6	0.0	0.1	10.2	4.0	6.8	11.5	7.2	9.7
22	0.0	0.0	0.0	0.6	0.0	0.2	10.4	2.2	6.3	10.1	8.4	9.4
23	0.1	0.0	0.0	0.5	0.0	0.2	7.6	4.4	5.3	9.9	8.6	9.4
24	0.1	0.0	0.0	0.7	0.1	0.3	7.9	4.3	5.9	10.6	8.2	9.3
25	0.1	0.0	0.0	0.7	0.0	0.2	6.9	4.7	5.6	10.5	8.5	9.4
26	0.0	0.0	0.0	0.8	0.0	0.2	10.5	3.5	6.8	11.2	9.2	10.1
27	0.1	0.0	0.0	0.9	0.0	0.2	7.6	5.9	6.4	12.8	9.7	11.1
28	0.0	0.0	0.0	0.2	0.0	0.0	6.7	5.0	5.8	16.5	10.1	13.1
29	---	---	---	0.0	0.0	0.0	10.3	3.6	6.6	14.1	12.0	13.0
30	---	---	---	0.5	0.0	0.0	7.3	5.1	6.3	14.7	11.0	12.6
31	---	---	---	0.8	0.0	0.1	---	---	---	14.4	11.9	13.2
Month	0.2	0.0	0.0	0.9	0.0	0.1	11.7	0.0	3.8	17.9	3.2	9.7

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued
TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	17.9	11.9	14.2	23.8	20.4	21.9	23.4	18.6	20.7	22.1	18.6	20.2
2	20.8	12.1	16.1	24.3	19.0	21.2	25.7	19.7	22.4	21.5	17.6	19.4
3	20.5	13.5	17.0	24.0	15.6	19.7	26.4	20.3	22.9	21.0	17.6	19.1
4	22.4	14.1	18.1	24.8	16.4	20.5	24.4	19.4	21.4	20.0	17.2	18.3
5	22.0	14.8	18.7	23.3	17.7	20.6	23.8	19.6	21.5	19.8	15.0	17.2
6	20.7	16.3	18.2	21.1	18.9	19.8	25.0	19.3	21.6	19.6	14.7	17.0
7	22.8	15.6	18.9	21.3	17.8	19.4	24.4	16.6	20.2	19.7	15.0	17.1
8	23.0	16.0	19.3	19.5	17.3	18.4	24.0	18.3	21.1	19.5	15.3	17.4
9	24.4	16.2	19.9	17.7	15.9	16.7	25.2	19.1	21.8	19.7	16.0	17.7
10	24.1	18.4	21.1	23.2	15.4	18.9	25.3	20.1	22.5	18.3	13.9	15.9
11	25.2	19.5	22.3	25.1	18.8	21.6	25.6	21.0	22.9	17.4	12.4	14.8
12	24.4	20.1	22.2	24.8	17.4	21.1	23.0	20.4	21.8	20.0	13.7	16.3
13	23.7	20.5	22.1	25.6	19.8	22.3	25.5	20.6	22.6	20.9	16.4	18.4
14	21.9	17.6	19.7	24.6	20.2	22.3	22.8	18.6	21.0	21.6	17.4	19.2
15	17.6	13.6	15.4	26.9	20.0	22.9	22.5	19.3	20.6	19.8	17.0	18.6
16	13.6	12.8	13.2	25.5	18.3	21.7	23.5	19.8	21.2	19.0	18.2	18.6
17	15.2	12.3	13.6	23.7	19.5	21.5	23.4	17.8	20.2	18.9	17.8	18.3
18	15.9	12.9	14.1	25.0	19.9	22.8	21.2	16.8	18.8	18.7	16.9	18.1
19	18.6	12.4	15.1	26.9	23.0	24.6	19.8	15.8	18.0	20.0	15.6	17.4
20	20.7	13.0	16.5	---	---	---	18.8	17.4	17.8	17.6	15.9	16.6
21	22.8	14.2	18.6	---	---	---	22.0	17.0	19.5	19.5	15.1	16.8
22	22.5	17.0	19.3	25.2	21.0	23.1	21.0	18.6	19.9	19.4	14.4	16.5
23	21.0	13.5	17.4	25.0	19.8	22.1	20.3	16.8	18.6	18.7	15.1	16.8
24	21.7	15.5	18.5	24.6	18.5	21.2	19.4	16.7	17.9	17.0	12.7	14.4
25	25.3	16.6	20.8	22.8	19.1	20.9	20.7	15.5	17.7	13.3	11.0	12.5
26	26.4	19.4	22.7	23.4	18.2	20.9	20.8	13.9	17.1	14.1	13.2	13.7
27	26.2	19.6	22.9	23.1	20.6	21.6	21.4	15.8	18.3	16.1	13.6	14.6
28	25.6	20.1	22.6	23.5	18.9	21.2	18.8	17.3	18.0	15.3	11.8	13.4
29	21.9	20.2	20.9	24.5	18.2	21.1	19.8	17.3	18.6	13.8	12.2	13.1
30	26.1	19.5	22.3	23.7	18.1	20.6	20.1	19.2	19.7	13.9	11.1	12.3
31	---	---	---	20.5	17.0	18.7	20.5	18.8	19.6	---	---	---
Month	26.4	11.9	18.7	---	---	---	26.4	13.9	20.2	22.1	11.0	16.7

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued
TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October				November				December			
1	13.8	9.8	11.6	8.2	5.1	6.6	4.1	2.9	3.4	0.1	0.0	0.0
2	14.3	10.2	12.2	7.5	5.3	6.8	3.9	1.5	2.9	0.4	0.0	0.1
3	15.4	11.2	13.1	7.0	4.5	5.8	1.6	0.0	0.9	0.5	0.0	0.2
4	16.0	12.1	13.8	7.8	5.2	6.6	0.5	0.0	0.2	0.0	0.0	0.0
5	16.4	13.1	14.4	9.5	7.0	8.1	0.6	0.0	0.2	0.2	0.0	0.1
6	17.1	13.7	15.1	8.7	7.1	8.0	0.7	0.0	0.3	0.3	0.0	0.2
7	17.9	14.8	16.2	8.8	6.8	7.7	0.3	0.0	0.1	0.0	0.0	0.0
8	16.9	12.7	14.9	7.5	5.1	6.7	0.0	0.0	0.0	0.0	0.0	0.0
9	13.0	11.9	12.4	5.1	3.4	4.3	0.0	0.0	0.0	0.1	0.0	0.0
10	13.1	12.3	12.7	5.3	3.5	4.6	0.1	0.0	0.1	0.2	0.0	0.1
11	14.1	12.8	13.4	3.7	2.2	3.0	0.2	0.0	0.1	0.2	0.0	0.1
12	13.7	12.4	13.0	3.2	0.9	2.1	0.2	0.0	0.1	0.5	0.1	0.2
13	12.4	11.6	11.9	4.0	1.3	2.7	0.0	0.0	0.0	0.7	0.0	0.3
14	12.7	11.7	12.1	5.2	3.0	3.9	0.0	0.0	0.0	0.6	0.0	0.3
15	12.5	11.6	12.3	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0
16	11.6	10.2	11.0	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0
17	10.4	9.5	9.9	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0
18	10.2	8.9	9.5	4.0	1.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0
19	11.1	9.4	10.1	2.3	0.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0
20	9.8	7.5	8.7	2.7	0.3	1.5	0.1	0.0	0.1	0.2	0.0	0.1
21	8.2	5.2	6.8	4.0	1.7	2.8	0.0	0.0	0.0	0.5	0.0	0.3
22	7.0	4.3	5.9	3.6	1.7	2.9	0.1	0.0	0.0	0.1	0.0	0.0
23	6.4	4.6	5.6	1.7	0.0	0.9	0.1	0.1	0.1	0.0	0.0	0.0
24	7.3	5.6	6.4	0.2	0.0	0.0	0.3	0.1	0.2	0.2	0.0	0.1
25	6.7	4.4	5.8	0.3	0.0	0.1	0.5	0.0	0.3	0.4	0.1	0.2
26	6.2	4.4	5.3	0.2	0.0	0.1	0.2	0.0	0.1	0.3	0.0	0.1
27	5.9	4.9	5.3	0.6	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0
28	5.1	4.2	4.7	1.2	0.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0
29	5.7	3.4	4.4	3.6	1.2	2.2	0.4	0.0	0.2	0.2	0.0	0.1
30	6.0	2.5	4.2	4.9	3.6	4.3	0.3	0.0	0.1	0.3	0.1	0.2
31	6.8	3.5	5.1	---	---	---	0.0	0.0	0.0	0.5	0.2	0.4
Month	17.9	2.5	9.9	---	---	---	4.1	0.0	0.3	0.7	0.0	0.1

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued
TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	0.9	0.4	0.6	0.0	0.0	0.0	6.5	1.8	3.5	14.2	6.2	10.1
2	1.2	0.1	0.5	0.1	0.0	0.0	8.3	2.0	4.3	10.5	8.5	9.4
3	0.6	0.1	0.4	0.1	0.0	0.0	5.6	0.8	3.1	10.1	8.3	9.2
4	1.4	0.2	0.7	0.1	0.0	0.0	3.4	0.5	1.7	17.8	8.7	12.6
5	1.0	0.2	0.5	0.1	0.0	0.1	3.9	0.0	1.7	18.9	11.2	14.6
6	0.9	0.0	0.3	0.2	0.0	0.1	6.4	0.8	3.0	14.5	10.8	12.6
7	0.2	0.0	0.0	0.3	0.0	0.1	4.3	2.1	3.1	15.5	7.4	11.2
8	0.1	0.0	0.0	0.3	0.0	0.1	4.6	1.5	2.9	16.5	6.9	11.5
9	0.0	0.0	0.0	0.2	0.1	0.1	8.4	0.1	3.5	14.4	8.8	11.7
10	0.0	0.0	0.0	0.2	0.0	0.1	9.7	0.9	4.8	16.3	10.7	13.2
11	0.0	0.0	0.0	0.4	0.0	0.1	9.1	1.9	5.2	15.5	12.1	13.5
12	0.0	0.0	0.0	0.5	0.0	0.2	10.9	2.8	6.6	13.7	11.9	12.7
13	0.0	0.0	0.0	0.5	0.0	0.2	12.0	6.8	8.9	12.2	9.2	10.6
14	0.0	0.0	0.0	0.5	0.0	0.1	12.3	4.7	8.4	10.3	8.6	9.3
15	0.1	0.0	0.0	0.6	0.0	0.2	13.5	7.5	9.9	11.1	9.1	10.0
16	0.2	0.0	0.0	0.8	0.0	0.1	9.3	6.1	7.2	10.7	9.5	10
17	0.1	0.0	0.0	0.3	0.0	0.0	8.0	5.1	6.3	12.9	8.6	10.6
18	0.0	0.0	0.0	0.1	0.0	0.0	13.5	5.2	8.6	14.7	10.1	11.9
19	0.0	0.0	0.0	0.1	0.0	0.0	14.1	6.5	9.9	12.3	9.4	10.9
20	0.0	0.0	0.0	0.1	0.0	0.0	15.3	6.7	10.6	12.3	8.7	10.3
21	0.0	0.0	0.0	0.3	0.0	0.0	15.0	6.7	10.5	11.3	9.0	9.9
22	0.0	0.0	0.0	0.2	0.0	0.1	9.8	6.4	8.1	11.1	7.7	9.3
23	0.0	0.0	0.0	0.6	0.0	0.2	7.4	5.5	6.5	13.0	7.8	9.8
24	0.0	0.0	0.0	1.0	0.1	0.4	6.7	4.9	5.8	16.4	9.2	12.1
25	0.0	0.0	0.0	1.9	0.2	0.8	9.0	5.4	6.8	18.4	8.7	13.2
26	0.0	0.0	0.0	2.5	0.0	1.0	11.9	3.0	7.1	18.3	11.5	14.6
27	0.0	0.0	0.0	4.5	0.0	1.4	11.6	5.7	8.4	17.6	13.7	15.3
28	0.0	0.0	0.0	5.4	0.0	1.8	12.5	3.7	7.7	21.4	11.4	16.0
29	---	---	---	6.1	0.0	2.2	13.6	3.9	8.4	20.9	14.5	17.1
30	---	---	---	6.9	0.1	2.6	15.1	5.0	9.7	22.0	14.5	17.8
31	---	---	---	8.4	0.2	3.5	---	---	---	23.8	15.5	19.0
Month	1.4	0.0	0.1	8.4	0.0	0.5	15.3	0.0	6.4	23.8	6.2	12.3

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01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	19.6	16.9	18.3	---	---	---	25.0	19.1	21.8	18.5	14.2	16.3
2	19.6	15.5	17.3	---	---	---	24.9	21.2	23.0	17.3	15.2	16.2
3	16.7	13.7	15.1	---	---	---	22.7	21.2	22.0	15.6	14.9	15.3
4	14.1	12.7	13.4	---	---	---	25.0	19.9	22.3	16.5	15.1	15.8
5	17.1	12.1	14.0	---	---	---	23.6	19.5	21.6	18.2	15.7	16.7
6	19.7	11.1	15.3	---	---	---	22.0	17.0	19.7	17.7	16.5	17.0
7	15.9	13.6	14.6	---	---	---	23.6	19.4	21.4	19.1	15.8	17.1
8	14.4	12.7	13.6	---	---	---	22.8	20.2	21.5	19.6	15.4	17.1
9	14.5	12.7	13.5	---	---	---	21.8	17.2	19.6	18.5	15.2	16.6
10	13.3	11.1	12.6	---	---	---	20.4	17.6	18.7	16.9	14.1	15.5
11	13.8	10.5	12.1	---	---	---	19.2	15.7	17.6	16.3	12.0	13.8
12	16.3	12.0	13.8	---	---	---	19.3	15.2	17.2	15.4	10.9	13.0
13	18.8	11.9	15.2	---	---	---	19.5	15.5	17.4	13.7	11.4	12.6
14	17.6	14.1	16.0	---	---	---	19.8	15.2	17.6	14.0	12.7	13.4
15	20.0	14.2	16.8	22.6	18.7	20.7	21.5	17.9	19.6	16.4	13.9	15.1
16	---	---	---	25.5	18.6	22.0	22.0	18.3	19.8	18.0	14.8	16.0
17	---	---	---	24.5	20.1	22.5	21.4	17.2	19.2	17.9	14.6	16.1
18	---	---	---	23.3	20.7	22.0	21.8	17.4	19.4	18.9	15.2	16.8
19	---	---	---	24.9	18.8	21.6	19.9	18.4	19.2	18.1	16.2	17.1
20	---	---	---	24.2	18.2	21.3	19.4	18.1	18.7	17.4	15.0	16.1
21	---	---	---	22.6	20.0	21.2	18.8	17.0	17.9	15.5	13.0	14.2
22	---	---	---	21.0	18.5	19.3	19.6	16.5	18.1	14.6	11.7	12.9
23	---	---	---	19.5	17.4	18.3	20.1	17.3	18.5	13.0	12.1	12.5
24	---	---	---	21.5	15.5	18.4	19.0	16.3	17.5	15.1	12.7	13.7
25	---	---	---	21.8	16.7	19.3	18.2	15.4	16.7	15.2	13.0	13.9
26	---	---	---	23.3	18.6	21.0	19.0	15.7	16.9	14.0	11.8	12.8
27	---	---	---	23.6	19.9	21.7	16.6	14.7	15.7	13.8	9.9	11.7
28	---	---	---	22.5	19.9	20.9	16.6	14.2	15.3	14.0	11.1	12.4
29	---	---	---	23.7	18.0	20.8	17.4	16.3	16.8	13.0	11.4	12.7
30	---	---	---	23.9	19.1	21.6	19.0	16.3	17.3	11.6	9.2	10.7
31	---	---	---	21.4	17.0	19.5	18.7	14.4	16.5	---	---	---
Month	---	---	---	---	---	---	25.0	14.2	18.9	19.6	9.2	14.7

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued
SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	196	149	173	188	182	184
2	---	---	---	---	---	---	163	149	155	187	183	185
3	---	---	---	---	---	---	175	163	169	184	175	179
4	---	---	---	---	---	---	187	175	182	175	173	174
5	---	---	---	---	---	---	199	187	191	176	173	174
6	---	---	---	---	---	---	210	199	208	181	176	180
7	---	---	---	---	---	---	210	208	209	182	181	181
8	---	---	---	---	---	---	208	197	203	183	182	183
9	---	---	---	---	---	---	197	194	196	184	183	183
10	---	---	---	---	---	---	197	195	195	183	181	182
11	---	---	---	---	---	---	197	182	186	183	181	182
12	---	---	---	---	---	---	183	181	182	183	182	183
13	---	---	---	---	---	---	199	183	185	182	181	181
14	---	---	---	---	---	---	197	187	192	185	141	157
15	---	---	---	---	---	---	208	197	205	164	153	157
16	---	---	---	---	---	---	216	208	212	175	164	172
17	---	---	---	---	---	---	216	213	215	182	175	179
18	---	---	---	---	---	---	227	216	224	193	182	188
19	---	---	---	218	213	216	223	216	219	205	193	201
20	---	---	---	217	213	215	218	216	217	205	202	203
21	---	---	---	217	205	210	222	218	221	204	201	202
22	---	---	---	206	203	204	223	220	222	210	204	207
23	---	---	---	210	204	207	221	111	200	210	206	207
24	---	---	---	214	205	211	144	110	123	207	203	205
25	---	---	---	205	174	182	175	144	160	205	202	204
26	---	---	---	188	174	180	187	175	183	203	199	200
27	---	---	---	198	188	196	191	187	189	199	198	198
28	---	---	---	203	172	194	194	191	193	200	197	199
29	---	---	---	181	172	176	194	190	192	201	198	199
30	---	---	---	190	181	185	192	190	191	201	198	200
31	---	---	---	---	---	---	192	188	191	201	197	199
Month	---	---	---	---	---	---	227	110	193	210	141	188

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
February				March				April				May
1	199	197	198	197	195	196	144	131	139	159	155	156
2	198	196	197	195	193	194	153	115	134	162	157	159
3	198	197	197	196	194	195	117	100	107	166	162	164
4	199	196	197	196	194	195	148	114	134	170	166	168
5	196	195	195	195	194	195	156	137	148	172	170	171
6	195	194	195	195	194	194	152	134	143	174	171	172
7	196	193	194	196	194	195	146	134	140	175	173	174
8	195	190	193	194	192	193	143	134	138	175	173	174
9	192	188	191	194	192	193	149	135	144	178	174	175
10	188	185	186	194	193	193	153	145	149	182	177	179
11	186	185	186	194	193	193	155	146	152	186	182	183
12	187	185	187	194	193	194	160	153	157	186	184	185
13	189	187	188	194	193	193	160	156	158	186	185	186
14	191	188	189	194	192	193	161	156	159	186	184	185
15	189	187	189	195	193	194	166	158	161	186	177	181
16	189	180	187	196	194	195	166	160	163	178	174	175
17	180	175	177	196	195	196	169	162	165	179	176	177
18	183	178	181	197	196	197	171	164	167	182	179	180
19	190	183	187	198	197	198	175	168	171	185	182	183
20	193	189	191	198	197	198	174	167	172	186	183	185
21	194	193	194	198	197	198	167	158	161	187	185	186
22	195	194	194	198	196	197	170	161	165	188	178	182
23	195	192	194	196	194	195	169	145	158	181	171	178
24	193	192	193	196	194	195	145	135	139	176	171	173
25	193	192	193	195	193	195	155	141	149	180	176	178
26	194	193	194	193	191	192	165	155	160	183	180	182
27	195	194	194	192	188	191	165	152	162	187	182	183
28	196	195	196	188	170	183	152	146	149	191	186	188
29	---	---	---	170	140	157	159	148	154	194	188	192
30	---	---	---	155	133	147	163	156	161	191	187	189
31	---	---	---	151	126	141	---	---	---	187	178	184
Month	199	175	191	198	126	190	175	100	152	194	155	178

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
				June			July			August		
1	189	182	186	241	235	238	271	243	255	237	233	234
2	197	189	192	242	238	240	263	256	260	299	237	253
3	200	195	197	243	238	240	271	261	268	277	256	262
4	204	200	201	245	239	242	301	267	276	265	258	261
5	219	204	206	248	239	244	327	242	301	264	260	262
6	210	204	208	247	240	243	299	244	259	267	262	265
7	209	203	205	242	238	240	310	274	293	272	264	270
8	213	209	211	244	239	242	281	272	278	273	267	271
9	222	208	214	242	195	213	284	274	280	273	269	272
10	217	210	212	208	194	198	288	276	284	276	271	274
11	222	216	219	218	208	213	290	279	286	278	272	276
12	225	219	222	225	218	221	297	284	291	279	273	276
13	227	221	225	230	225	227	298	282	290	280	271	277
14	229	186	217	234	228	232	294	251	285	282	276	279
15	194	187	190	235	226	228	252	246	248	292	236	261
16	191	187	188	247	233	237	292	252	262	258	236	246
17	192	179	185	364	240	285	318	274	290	279	252	259
18	179	165	170	340	243	268	284	276	281	258	245	252
19	185	171	178	246	243	244	287	280	284	262	255	259
20	195	185	189	---	---	---	287	271	284	268	262	265
21	204	194	197	---	---	---	271	235	252	267	263	265
22	205	196	201	263	244	255	252	240	247	297	267	278
23	211	204	206	255	247	252	262	252	258	293	276	282
24	216	210	212	314	247	267	266	261	264	282	279	281
25	222	215	217	272	249	259	307	265	275	284	282	283
26	226	220	223	269	256	263	338	285	315	282	256	276
27	231	226	228	271	249	256	285	277	282	256	238	242
28	235	228	232	252	244	248	284	260	276	258	246	252
29	235	231	233	258	248	254	260	234	247	296	235	263
30	237	231	233	319	258	277	245	235	239	262	250	254
31	---	---	---	321	265	287	264	229	241	---	---	---
Month	237	165	207	---	---	---	338	229	273	299	233	265

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
October				November				December				January
1	270	253	261	202	199	200	167	147	159	169	164	167
2	264	250	260	205	202	203	171	167	170	172	169	171
3	264	260	263	207	205	206	175	169	172	174	172	172
4	264	262	263	207	206	207	178	175	177	180	174	177
5	263	260	262	209	206	208	179	177	178	177	175	176
6	264	261	262	209	201	208	179	178	179	176	175	175
7	265	262	263	201	194	197	183	179	180	180	174	178
8	263	177	199	197	191	193	187	183	184	180	178	179
9	177	162	167	195	175	191	188	182	186	180	178	179
10	189	172	182	175	164	167	182	180	181	179	177	178
11	211	189	200	176	166	171	180	179	180	179	177	179
12	207	201	205	187	176	183	180	178	179	178	166	170
13	215	206	212	190	187	189	185	179	183	170	166	169
14	233	215	220	191	187	189	191	185	189	170	130	153
15	225	157	189	193	191	192	194	190	192	155	133	142
16	169	158	164	---	---	---	189	185	187	166	155	161
17	191	169	178	164	144	154	185	182	183	171	166	170
18	199	191	196	177	164	172	182	182	182	178	111	148
19	210	199	205	184	177	183	182	181	181	147	113	132
20	217	210	215	187	184	185	182	181	181	155	147	153
21	222	216	219	185	182	184	183	181	182	156	148	153
22	222	218	221	184	160	173	183	182	183	157	148	152
23	220	190	197	172	160	165	183	182	182	160	157	159
24	190	187	188	179	172	177	182	181	181	161	158	160
25	190	156	177	185	178	181	181	173	180	161	160	160
26	160	153	155	186	184	185	173	144	149	162	160	161
27	176	160	169	186	184	185	156	145	151	168	162	165
28	186	176	181	184	177	181	164	156	161	168	164	166
29	191	186	188	177	159	168	167	156	165	164	163	164
30	196	191	194	159	139	145	156	146	148	163	162	163
31	199	196	197	---	---	---	164	152	158	164	163	164
Month	270	153	208	---	---	---	194	144	176	180	111	164

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
February				March				April				May
1	165	164	164	183	181	181	161	152	156	185	183	184
2	166	165	165	182	180	181	159	152	156	187	180	184
3	166	146	159	182	180	181	167	159	164	180	171	174
4	152	146	149	182	181	182	166	130	147	183	174	178
5	152	120	131	183	181	182	151	133	145	188	183	184
6	146	126	137	184	181	183	159	151	157	191	185	187
7	155	146	150	185	183	184	162	154	159	190	187	188
8	161	155	158	187	184	185	159	153	156	193	189	190
9	168	161	165	185	184	185	165	159	163	193	190	191
10	170	166	168	189	181	185	167	163	166	195	191	193
11	175	170	173	181	165	173	167	165	166	196	194	195
12	175	173	174	172	166	170	168	167	167	198	195	196
13	177	174	175	174	132	159	169	168	169	199	132	175
14	175	172	174	136	125	131	173	169	171	147	121	132
15	172	168	171	155	136	148	173	172	173	159	147	155
16	170	163	167	162	155	160	174	173	173	163	152	159
17	163	144	154	171	162	167	175	174	174	164	152	159
18	167	147	157	181	171	177	177	174	175	171	160	165
19	174	167	171	183	178	180	179	176	177	177	126	159
20	177	174	175	186	181	184	182	178	180	149	126	137
21	180	176	179	189	179	185	192	181	186	154	149	152
22	181	177	179	182	180	181	192	187	189	154	151	152
23	181	178	179	184	174	179	188	170	178	164	154	160
24	178	177	178	178	169	174	170	149	154	168	164	165
25	180	177	179	172	166	169	165	157	161	175	167	169
26	180	179	179	169	164	167	172	165	169	175	170	173
27	180	179	180	169	161	165	176	172	173	178	173	175
28	182	180	181	168	160	164	179	175	177	181	175	178
29	---	---	---	166	160	163	182	179	180	184	178	181
30	---	---	---	164	159	161	184	181	182	186	181	183
31	---	---	---	163	155	160	---	---	---	189	182	185
Month	182	120	167	189	125	172	192	130	168	199	121	173

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June				July				August			
1	199	181	188	---	---	---	211	193	200	225	223	224
2	186	181	183	---	---	---	209	190	200	228	225	226
3	187	172	182	---	---	---	195	190	194	230	225	227
4	177	172	174	---	---	---	203	195	199	228	225	226
5	181	173	177	---	---	---	212	201	208	227	223	225
6	186	180	182	---	---	---	225	212	218	235	224	228
7	186	167	183	---	---	---	217	214	215	234	230	232
8	168	158	161	---	---	---	217	214	215	234	230	232
9	175	166	169	---	---	---	219	214	217	238	231	234
10	170	140	147	---	---	---	231	206	218	231	228	229
11	218	147	161	---	---	---	214	204	210	231	228	229
12	171	150	164	---	---	---	215	212	213	234	229	232
13	182	171	175	---	---	---	217	213	215	234	231	232
14	188	181	183	182	171	175	230	214	218	234	231	232
15	195	186	190	191	182	187	218	216	216	234	232	233
16	---	---	---	201	190	194	221	216	218	233	231	232
17	---	---	---	204	196	201	223	218	220	236	231	233
18	---	---	---	209	187	201	224	220	222	238	234	236
19	---	---	---	199	188	194	248	222	230	242	237	239
20	---	---	---	204	199	202	228	208	221	239	235	237
21	---	---	---	209	203	207	208	201	205	237	234	236
22	---	---	---	208	177	201	213	207	211	239	235	237
23	---	---	---	185	178	181	214	211	213	239	237	238
24	---	---	---	191	185	188	217	213	215	241	234	237
25	---	---	---	198	191	196	219	215	217	236	232	234
26	---	---	---	204	197	202	219	217	219	238	234	236
27	---	---	---	209	203	206	222	214	218	240	235	237
28	---	---	---	216	177	201	216	213	214	241	237	239
29	---	---	---	190	181	185	220	215	218	240	200	224
30	---	---	---	196	190	193	221	217	219	215	206	211
31	---	---	---	204	196	201	225	219	221	---	---	---
Month	---	---	---	---	---	---	248	190	214	242	200	232

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median	
October				November				December				January	
1	---	---	---	---	---	---	7.6	7.5	7.6	7.4	7.3	7.3	
2	---	---	---	---	---	---	7.6	7.5	7.6	7.4	7.4	7.4	
3	---	---	---	---	---	---	7.6	7.6	7.6	7.4	7.3	7.3	
4	---	---	---	---	---	---	7.6	7.6	7.6	7.4	7.4	7.4	
5	---	---	---	---	---	---	7.6	7.6	7.6	7.5	7.4	7.4	
6	---	---	---	---	---	---	7.6	7.5	7.6	7.4	7.4	7.4	
7	---	---	---	---	---	---	7.6	7.5	7.5	7.4	7.4	7.4	
8	---	---	---	---	---	---	7.5	7.5	7.5	7.4	7.4	7.4	
9	---	---	---	---	---	---	7.6	7.5	7.6	7.4	7.3	7.4	
10	---	---	---	---	---	---	7.6	7.6	7.6	7.4	7.4	7.4	
11	---	---	---	---	---	---	7.6	7.5	7.5	7.4	7.4	7.4	
12	---	---	---	---	---	---	7.6	7.5	7.6	7.4	7.4	7.4	
13	---	---	---	---	---	---	7.6	7.6	7.6	7.4	7.4	7.4	
14	---	---	---	---	---	---	7.6	7.6	7.6	7.5	7.3	7.3	
15	---	---	---	---	---	---	7.6	7.5	7.5	7.4	7.3	7.3	
16	---	---	---	---	---	---	7.5	7.4	7.5	7.4	7.3	7.3	
17	---	---	---	---	---	---	7.4	7.4	7.4	7.4	7.3	7.4	
18	---	---	---	---	---	---	7.4	7.4	7.4	7.3	7.3	7.3	
19	---	---	---	7.7	7.6	7.7	7.4	7.3	7.3	7.3	7.2	7.3	
20	---	---	---	7.7	7.7	7.7	7.4	7.3	7.4	7.2	7.2	7.2	
21	---	---	---	7.7	7.6	7.6	7.3	7.3	7.3	7.2	7.1	7.2	
22	---	---	---	7.7	7.6	7.6	7.3	7.2	7.2	7.2	7.1	7.1	
23	---	---	---	7.7	7.6	7.7	7.4	7.1	7.3	7.1	7.1	7.1	
24	---	---	---	7.7	7.6	7.7	7.4	7.2	7.3	7.1	7.1	7.1	
25	---	---	---	7.6	7.5	7.5	7.4	7.3	7.3	7.1	7.1	7.1	
26	---	---	---	7.6	7.6	7.6	7.3	7.3	7.3	7.1	7.1	7.1	
27	---	---	---	7.6	7.6	7.6	7.3	7.3	7.3	7.1	7.1	7.1	
28	---	---	---	7.6	7.5	7.6	7.3	7.3	7.3	7.1	7.1	7.1	
29	---	---	---	7.6	7.5	7.6	7.3	7.3	7.3	7.2	7.1	7.1	
30	---	---	---	7.6	7.6	7.6	7.3	7.2	7.3	7.1	7.1	7.1	
31	---	---	---	---	---	---	7.3	7.3	7.3	7.2	7.1	7.1	
Max	---	---	---	---	---	---	7.6	7.6	7.6	7.5	7.4	7.4	
Min	---	---	---	---	---	---	7.3	7.1	7.2	7.1	7.1	7.1	

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued
PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February				March				April			
1	7.2	7.1	7.1	7.4	7.4	7.4	7.4	7.3	7.4	7.5	7.4	7.4
2	7.2	7.1	7.2	7.5	7.4	7.4	7.4	7.3	7.4	7.6	7.4	7.5
3	7.2	7.2	7.2	7.5	7.4	7.5	7.3	7.2	7.2	7.6	7.6	7.6
4	7.2	7.2	7.2	7.4	7.4	7.4	7.3	7.2	7.2	7.6	7.6	7.6
5	7.2	7.2	7.2	7.4	7.4	7.4	7.3	7.3	7.3	7.6	7.4	7.6
6	7.2	7.2	7.2	7.4	7.4	7.4	7.4	7.3	7.3	7.6	7.6	7.6
7	7.2	7.2	7.2	7.4	7.4	7.4	7.4	7.3	7.3	7.6	7.6	7.6
8	7.3	7.2	7.2	7.4	7.4	7.4	7.4	7.3	7.3	7.6	7.6	7.6
9	7.2	7.2	7.2	7.4	7.4	7.4	7.3	7.3	7.3	7.7	7.6	7.6
10	7.3	7.2	7.3	7.4	7.4	7.4	7.3	7.3	7.3	7.7	7.6	7.6
11	7.4	7.3	7.4	7.4	7.4	7.4	7.4	7.3	7.3	7.7	7.6	7.6
12	7.4	7.4	7.4	7.4	7.3	7.4	7.4	7.3	7.3	7.7	7.6	7.7
13	7.4	7.4	7.4	7.4	7.3	7.4	7.4	7.3	7.3	7.7	7.7	7.7
14	7.4	7.4	7.4	7.5	7.4	7.4	7.4	7.3	7.3	7.7	7.6	7.7
15	7.4	7.3	7.4	7.5	7.4	7.4	7.4	7.3	7.3	7.6	7.6	7.6
16	7.4	7.2	7.3	7.5	7.4	7.4	7.4	7.3	7.3	7.7	7.6	7.6
17	7.3	7.2	7.3	7.5	7.4	7.5	7.4	7.3	7.3	7.7	7.6	7.7
18	7.4	7.3	7.4	7.5	7.4	7.5	7.4	7.3	7.3	7.7	7.6	7.7
19	7.4	7.4	7.4	7.5	7.4	7.5	7.4	7.3	7.3	7.7	7.6	7.7
20	7.4	7.4	7.4	7.5	7.4	7.5	7.3	7.3	7.3	7.7	7.6	7.7
21	7.4	7.3	7.3	7.5	7.4	7.5	7.4	7.3	7.3	7.7	7.6	7.7
22	7.4	7.3	7.3	7.5	7.4	7.4	7.4	7.3	7.3	7.7	7.6	7.7
23	7.4	7.3	7.4	7.5	7.4	7.4	7.4	7.3	7.4	7.7	7.6	7.6
24	7.4	7.4	7.4	7.5	7.4	7.4	7.4	7.3	7.3	7.7	7.6	7.7
25	7.4	7.4	7.4	7.5	7.4	7.5	7.4	7.4	7.4	7.7	7.6	7.7
26	7.4	7.4	7.4	7.5	7.4	7.5	7.4	7.4	7.4	7.7	7.7	7.7
27	7.4	7.4	7.4	7.5	7.4	7.5	7.4	7.4	7.4	7.7	7.6	7.7
28	7.4	7.4	7.4	7.5	7.2	7.4	7.4	7.4	7.4	7.8	7.6	7.7
29	---	---	---	7.3	7.2	7.3	7.4	7.4	7.4	7.7	7.6	7.7
30	---	---	---	7.3	7.3	7.3	7.5	7.4	7.4	7.8	7.6	7.7
31	---	---	---	7.4	7.3	7.3	---	---	---	7.7	7.6	7.6
Max	7.4	7.4	7.4	7.5	7.4	7.5	7.5	7.4	7.4	7.8	7.7	7.7
Min	7.2	7.1	7.1	7.3	7.2	7.3	7.3	7.2	7.2	7.5	7.4	7.4

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
				June			July			August		
1	7.7	7.6	7.7	7.9	7.8	7.8	7.8	7.7	7.8	7.8	7.6	7.7
2	7.8	7.6	7.7	7.9	7.8	7.8	7.8	7.6	7.7	7.7	7.5	7.6
3	7.8	7.6	7.7	7.9	7.8	7.8	7.8	7.6	7.7	7.7	7.6	7.6
4	7.8	7.7	7.7	7.9	7.8	7.8	7.8	7.6	7.7	7.7	7.6	7.6
5	7.8	7.7	7.7	7.9	7.8	7.8	7.8	7.6	7.7	7.7	7.6	7.6
6	7.8	7.7	7.7	7.9	7.7	7.8	7.8	7.6	7.7	7.7	7.6	7.6
7	7.8	7.7	7.8	7.9	7.8	7.8	7.8	7.6	7.7	7.7	7.6	7.6
8	7.8	7.7	7.8	7.9	7.7	7.8	7.8	7.6	7.7	7.7	7.6	7.6
9	7.9	7.7	7.7	7.8	7.6	7.7	7.8	7.6	7.7	7.7	7.6	7.6
10	7.8	7.6	7.7	7.7	7.6	7.7	7.8	7.7	7.7	7.7	7.6	7.6
11	7.8	7.6	7.7	7.7	7.6	7.7	7.7	7.6	7.7	7.7	7.6	7.6
12	7.8	7.7	7.7	7.7	7.7	7.7	7.7	7.6	7.7	7.7	7.6	7.6
13	7.8	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.6	7.6
14	7.8	7.5	7.7	7.8	7.7	7.7	7.8	7.7	7.7	7.7	7.6	7.7
15	7.7	7.6	7.7	7.8	7.7	7.7	7.8	7.6	7.7	7.7	7.6	7.6
16	7.7	7.7	7.7	7.8	7.7	7.7	7.8	7.6	7.8	7.6	7.6	7.6
17	7.7	7.6	7.7	7.7	7.6	7.7	7.8	7.6	7.8	7.6	7.6	7.6
18	7.7	7.6	7.6	7.7	7.6	7.7	7.8	7.7	7.8	7.7	7.6	7.6
19	7.7	7.6	7.7	7.6	7.6	7.6	7.8	7.7	7.8	7.7	7.6	7.7
20	7.7	7.7	7.7	---	---	---	7.8	7.7	7.8	7.7	7.7	7.7
21	7.8	7.7	7.7	---	---	---	7.8	7.7	7.7	7.7	7.7	7.7
22	7.8	7.7	7.8	7.8	7.7	7.8	7.8	7.8	7.8	7.8	7.6	7.7
23	7.9	7.8	7.8	7.8	7.7	7.8	7.8	7.8	7.8	7.7	7.6	7.7
24	7.9	7.7	7.8	7.8	7.7	7.8	7.8	7.8	7.8	7.7	7.7	7.7
25	7.8	7.7	7.8	7.8	7.7	7.8	7.8	7.6	7.8	7.7	7.7	7.7
26	7.9	7.7	7.8	7.8	7.7	7.7	7.8	7.5	7.7	7.7	7.6	7.7
27	7.9	7.7	7.8	7.8	7.7	7.8	7.8	7.7	7.8	7.6	7.6	7.6
28	7.9	7.7	7.8	7.8	7.7	7.8	7.8	7.7	7.8	7.6	7.6	7.6
29	7.8	7.7	7.8	7.8	7.7	7.8	7.7	7.4	7.7	7.7	7.6	7.6
30	7.9	7.7	7.8	7.8	7.6	7.7	7.7	7.6	7.6	7.7	7.6	7.6
31	---	---	---	7.8	7.7	7.8	7.7	7.6	7.6	---	---	---
Max	7.9	7.8	7.8	---	---	---	7.8	7.8	7.8	7.8	7.7	7.7
Min	7.7	7.5	7.6	---	---	---	7.7	7.4	7.6	7.6	7.5	7.6

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued
PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October				November				December			
1	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.6	7.4	7.4	7.4
2	7.6	7.6	7.6	7.7	7.6	7.6	7.6	7.6	7.6	7.4	7.4	7.4
3	7.7	7.6	7.6	7.7	7.6	7.6	7.6	7.6	7.6	7.5	7.4	7.5
4	7.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.4	7.4
5	7.6	7.5	7.6	7.7	7.6	7.6	7.6	7.6	7.6	7.4	7.4	7.4
6	7.6	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.4	7.4	7.4
7	7.6	7.5	7.5	7.7	7.6	7.6	7.6	7.6	7.6	7.5	7.3	7.3
8	7.6	7.4	7.5	7.7	7.6	7.6	7.6	7.5	7.5	7.3	7.3	7.3
9	7.6	7.4	7.5	7.7	7.6	7.6	7.5	7.4	7.5	7.3	7.3	7.3
10	7.6	7.5	7.6	7.6	7.5	7.6	7.5	7.5	7.5	7.3	7.3	7.3
11	7.7	7.6	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.3	7.2	7.3
12	7.7	7.6	7.7	7.6	7.6	7.6	7.6	7.5	7.5	7.3	7.2	7.2
13	7.7	7.6	7.7	7.6	7.6	7.6	7.6	7.5	7.5	7.4	7.3	7.3
14	7.7	7.6	7.7	7.6	7.6	7.6	7.5	7.4	7.4	7.4	7.1	7.3
15	7.7	7.2	7.5	7.6	7.5	7.6	7.4	7.4	7.4	7.3	7.2	7.2
16	7.6	7.4	7.5	7.6	7.4	7.5	7.4	7.3	7.3	7.2	7.2	7.2
17	7.6	7.5	7.6	7.6	7.4	7.5	7.4	7.3	7.4	7.2	7.1	7.1
18	7.6	7.6	7.6	7.6	7.5	7.6	7.4	7.4	7.4	7.1	7.0	7.1
19	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.4	7.5	7.1	7.0	7.0
20	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.5	7.2	7.0	7.1
21	7.7	7.6	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.2	7.1	7.2
22	7.7	7.6	7.7	7.6	7.6	7.6	7.5	7.5	7.5	7.2	7.1	7.2
23	7.6	7.5	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.2	7.1	7.1
24	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.6	7.1	7.1	7.1
25	7.6	7.4	7.6	7.6	7.6	7.6	7.6	7.5	7.6	7.2	7.1	7.2
26	7.6	7.5	7.6	7.6	7.6	7.6	7.5	7.4	7.4	7.2	7.2	7.2
27	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.2	7.1	7.1
28	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.4	7.4	7.2	7.1	7.1
29	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.4	7.5	7.2	7.1	7.1
30	7.6	7.6	7.6	7.6	7.4	7.5	7.5	7.4	7.4	7.2	7.0	7.1
31	7.6	7.6	7.6	---	---	---	7.5	7.4	7.4	7.2	7.1	7.2
Max	7.7	7.6	7.7	7.7	7.6	7.6	7.6	7.6	7.6	7.5	7.4	7.5
Min	7.6	7.2	7.5	7.6	7.4	7.5	7.4	7.3	7.3	7.1	7.0	7.0

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued
PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February				March				April			
1	7.5	7.2	7.3	7.3	7.2	7.3	7.6	7.3	7.5	7.7	7.4	7.6
2	7.5	7.2	7.3	7.3	7.2	7.2	7.6	7.4	7.6	7.7	7.6	7.7
3	7.5	7.2	7.4	7.7	7.3	7.3	7.6	7.4	7.6	7.7	7.6	7.7
4	7.5	7.4	7.5	7.3	7.3	7.3	7.6	7.4	7.5	7.7	7.5	7.7
5	7.5	7.1	7.2	7.7	7.3	7.4	7.6	7.4	7.5	7.6	7.5	7.6
6	7.6	7.2	7.3	7.5	7.4	7.5	7.6	7.3	7.5	7.6	7.6	7.6
7	7.7	7.3	7.6	7.9	7.4	7.4	7.6	7.4	7.6	7.7	7.5	7.6
8	7.4	7.3	7.3	7.5	7.4	7.4	7.6	7.5	7.5	7.7	7.5	7.6
9	7.5	7.3	7.4	7.9	7.4	7.4	7.6	7.4	7.5	7.7	7.5	7.6
10	7.4	7.3	7.3	7.6	7.4	7.4	7.7	7.4	7.5	7.7	7.5	7.6
11	7.5	7.2	7.3	7.4	7.3	7.3	7.7	7.5	7.6	7.6	7.5	7.6
12	7.2	7.2	7.2	7.5	7.3	7.3	7.7	7.5	7.6	7.6	7.6	7.6
13	7.3	7.2	7.2	7.8	7.3	7.4	7.6	7.5	7.6	7.7	7.6	7.6
14	7.2	7.2	7.2	7.9	7.3	7.4	7.7	7.5	7.6	7.7	7.6	7.6
15	7.2	7.2	7.2	7.9	7.4	7.5	7.6	7.5	7.6	7.6	7.5	7.6
16	7.2	7.2	7.2	7.8	7.4	7.4	7.7	7.5	7.6	---	---	---
17	7.6	7.2	7.3	7.6	7.4	7.4	7.7	7.6	7.6	---	---	---
18	7.7	7.5	7.5	8.0	7.4	7.5	7.7	7.5	7.6	---	---	---
19	7.7	7.3	7.6	7.8	7.4	7.5	7.7	7.5	7.6	---	---	---
20	7.4	7.3	7.3	7.8	7.5	7.6	7.7	7.5	7.6	---	---	---
21	7.4	7.3	7.4	8.0	7.5	7.6	7.8	7.2	7.5	---	---	---
22	7.3	7.3	7.3	7.8	7.5	7.6	7.6	7.2	7.3	---	---	---
23	7.3	7.3	7.3	7.8	7.4	7.6	7.5	7.2	7.4	---	---	---
24	7.3	7.3	7.3	7.7	7.4	7.5	7.5	7.2	7.4	7.7	7.2	7.5
25	7.6	7.2	7.3	7.7	7.3	7.5	7.5	7.2	7.3	7.7	7.2	7.5
26	7.4	7.2	7.2	7.8	7.4	7.6	7.7	7.2	7.4	7.7	7.4	7.6
27	7.3	7.2	7.3	7.7	7.2	7.5	7.7	7.2	7.4	7.7	7.6	7.7
28	7.3	7.3	7.3	7.6	7.1	7.5	7.7	7.2	7.4	7.7	7.4	7.6
29	---	---	---	7.6	7.1	7.4	7.7	7.2	7.5	7.6	7.5	7.5
30	---	---	---	7.7	7.1	7.5	7.7	7.2	7.6	7.5	7.4	7.5
31	---	---	---	7.6	7.2	7.4	---	---	---	7.5	7.4	7.5
Max	7.7	7.5	7.6	8.0	7.5	7.6	7.8	7.6	7.6	---	---	---
Min	7.2	7.1	7.2	7.3	7.1	7.2	7.5	7.2	7.3	---	---	---

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
				June			July			August		
1	7.5	7.5	7.5	---	---	---	7.9	7.7	7.8	7.9	7.9	7.9
2	7.5	7.4	7.5	---	---	---	7.8	7.7	7.7	7.9	7.9	7.9
3	7.5	7.5	7.5	---	---	---	7.9	7.7	7.7	7.9	7.9	7.9
4	7.5	7.5	7.5	---	---	---	7.9	7.7	7.8	7.9	7.9	7.9
5	7.5	7.5	7.5	---	---	---	7.9	7.7	7.8	7.9	7.9	7.9
6	7.6	7.5	7.5	---	---	---	7.8	7.7	7.8	7.9	7.9	7.9
7	7.7	7.5	7.6	---	---	---	7.8	7.8	7.8	7.9	7.9	7.9
8	---	---	---	---	---	---	7.8	7.8	7.8	7.9	7.9	7.9
9	---	---	---	---	---	---	7.8	7.8	7.8	7.9	7.9	7.9
10	---	---	---	---	---	---	7.9	7.8	7.8	7.9	7.9	7.9
11	---	---	---	---	---	---	7.8	7.7	7.8	7.9	7.9	7.9
12	---	---	---	---	---	---	7.8	7.8	7.8	7.9	7.9	7.9
13	---	---	---	---	---	---	7.8	7.8	7.8	7.9	7.9	7.9
14	---	---	---	---	---	---	7.8	7.8	7.8	8.0	7.9	7.9
15	---	---	---	7.8	7.6	7.7	7.8	7.8	7.8	7.9	7.8	7.9
16	---	---	---	7.8	7.7	7.8	7.8	7.8	7.8	7.9	7.9	7.9
17	---	---	---	7.8	7.7	7.7	7.8	7.8	7.8	7.9	7.9	7.9
18	---	---	---	7.8	7.7	7.7	7.8	7.8	7.8	7.9	7.9	7.9
19	---	---	---	7.9	7.7	7.8	7.8	7.7	7.8	7.9	7.9	7.9
20	---	---	---	7.9	7.7	7.8	7.8	7.7	7.7	7.9	7.9	7.9
21	---	---	---	7.9	7.7	7.8	7.8	7.7	7.8	7.9	7.9	7.9
22	---	---	---	7.8	7.6	7.8	7.8	7.8	7.8	7.9	7.9	7.9
23	---	---	---	7.9	7.6	7.8	7.9	7.8	7.9	7.9	7.9	7.9
24	---	---	---	7.9	7.7	7.8	7.9	7.9	7.9	7.9	7.9	7.9
25	---	---	---	7.9	7.7	7.8	7.9	7.9	7.9	7.9	7.9	7.9
26	---	---	---	7.9	7.7	7.8	7.9	7.9	7.9	7.9	7.9	7.9
27	---	---	---	7.9	7.7	7.8	7.9	7.9	7.9	8.0	7.9	7.9
28	---	---	---	7.8	7.6	7.7	7.9	7.9	7.9	7.9	7.9	7.9
29	---	---	---	7.8	7.6	7.8	7.9	7.8	7.9	7.9	7.9	7.9
30	---	---	---	7.9	7.7	7.8	7.9	7.9	7.9	8.0	7.9	7.9
31	---	---	---	7.9	7.7	7.8	7.9	7.9	7.9	---	---	---
Max	---	---	---	---	---	---	7.9	7.9	7.9	8.0	7.9	7.9
Min	---	---	---	---	---	---	7.8	7.7	7.7	7.9	7.8	7.9

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 1 of 12
 [Remark codes: <, less than.]

Date	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC (00095)	Temper- ature, water, deg C (00010)	Calcium water, filtrd, mg/L (00915)	Calcium water, unfltrd recover-able, mg/L (00916)	Magnes- ium, water, filtrd, recover-able, mg/L (00925)	Magnes- ium, water, unfltrd recover-able, mg/L (00927)	Potas- sium, water, unfltrd recover-able, mg/L (00935)	Potas- sium, water, unfltrd recover-able, mg/L (00937)	Sodium, water, unfltrd recover-able, mg/L (00930)	Sodium, water, unfltrd recover-able, mg/L (00929)	Alka- linity, wat flt fxd end lab, mg/L as CaCO3 (29801)
Oct 20...	10	8	134	6.9	29.9	29.7	1.73	1.69	2.35	2.31	4.23	4.21	--
Nov 01...	12	7.8	218	7	32.4	32.4	1.78	1.81	2.32	2.29	4.37	4.4	80.94
Dec 06...	13	7	221	.2	31.9	32.3	1.84	1.9	2.14	2.2	4.08	4.19	68.84
Jan 04...	13.1	7.4	206	.1	29.5	29.8	1.74	1.8	1.82	1.88	2.82	2.89	61.17
Feb 01...	13.4	6.9	216	.1	35.4	34.9	2.1	2.06	2	1.95	3.04	2.97	73.91
Mar 03...	13.1	7.2	204	.1	35	35.4	1.8	1.82	2.01	2.03	3.27	3.23	76.98
29...	--	7.1	195	0	24.6	21.6	1.28	1.24	2.12	1.85	4.67	4	59.67
Apr 02...	--	7.3	165	.1	24.6	24.4	1.3	1.32	1.79	1.79	3.56	3.53	57.64
02...	--	7.3	132	0	17.8	20.5	.94	2.05	1.79	2.13	3	3.18	44.11
03...	--	7.3	117	0	15.8	18.7	.86	2.5	1.67	2.09	2.77	2.83	39.26
03...	--	7.2	105	0	14.7	17.1	.82	2.65	1.6	2.02	2.36	2.4	34.88
04...	--	7.3	143	1	18.6	21	1.05	1.74	1.64	1.95	3.02	3.31	55.86
May 02...	11.5	7.7	168	6.2	24.9	24.1	1.34	1.34	1.69	1.66	3.62	3.55	45.41
Jun 21...	9.5	7.7	201	14.8	30.5	30.6	1.51	1.56	1.74	1.79	5.24	5.41	70.23
Jul 15...	7.6	7.8	224	20.8	37.1	33.5	1.74	1.49	2.2	1.96	5.73	4.73	88.06
Aug 03...	8	7.3	236	20.3	39.8	40.5	1.73	1.8	2.37	2.5	6.44	6.55	--
Sep 01...	7.9	7.7	226	18.8	34.7	35.2	1.83	1.84	2.65	2.68	5.15	5.17	94.68

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 2 of 12
 [Remark codes: <, less than.]

Date	Chlor-ide, water, filtrd, mg/L (00940)	Fluor-ide, water, filtrd, mg/L (00950)	Silica, water, filtrd, mg/L (00955)	Silica, water, unfiltrd, mg/L (00956)	Sulfate water, filtrd, mg/L (00945)	Nitrite + nitrate water filtrd, mg/L as N (00631)			Phos-phorus, water, filtrd, mg/L (00666)	Phos-phorus, water, unfiltrd, mg/L (00665)	Alum-inum, water, filtrd, ug/L (01106)	Alum-inum, water, unfiltrd, recover-able, ug/L (01105)	Anti-mony, water, filtrd, ug/L (01095)	Anti-mony, water, unfiltrd, ug/L (01097)	Arsenic water, filtrd, ug/L (01000)	
Oct 20...	7.6	<.08	7	6.8	16.1	.7	<.01	<.01	6	11	<.3	<.3	<1			
Nov 01...	7.5	<.08	7.3	7.3	17.2	.6	<.01	<.01	5	10	<.3	<.3	<1			
Dec 06...	9	<.08	7.4	7.8	24.4	1.6	<.01	<.01	4	25	<.3	<.3	<1			
Jan 04...	7.2	<.08	7	7.3	24.5	1.5	<.01	<.01	4	31	<.3	<.3	<1			
Feb 01...	6.1	.1	8.4	8.2	24.5	1.6	<.01	<.01	3	35	<.3	<.3	<1			
Mar 03...	5.5	.1	7.2	7.3	19.6	1.7	<.01	<.01	3	44	<.3	<.3	<1			
	29...	8.2	.1	5	5.1	11.7	2	<.01	.01	8	442	<.3	<.3	<1		
Apr 02...	6.1	.1	5.5	5.7	12.8	1.4	<.01	<.01	6	155	<.3	<.3	<1			
	02...	5.2	<.08	3.7	9.3	9.1	1.4	<.01	.08	14	2,870	<.3	<.3	<1		
	03...	4.8	.1	3.5	11.7	8.5	1.1	<.01	.1	13	4,410	<.3	<.3	<1		
	03...	4.2	<.08	3.3	12.7	9	.9	<.01	.1	18	5,100	<.3	<.3	<1		
	04...	5.5	<.08	4.1	7.5	7.1	1.2	<.01	.04	11	1,580	<.3	<.3	<1		
May 02...	6.1	.11	5.9	5.8	20	.8	<.01	<.01	8	77	<.3	<.3	<1			
Jun 21...	8.6	.09	6.2	6.2	15	.9	<.01	<.01	9	24	<.3	<.3	<1			
Jul 15...	8	.08	8.7	7	11.2	.7	<.01	<.01	17	21	<.3	.4	<1			
Aug 03...	11.4	.09	7.5	7.5	8	.9	<.01	<.01	13	18	.3	<.3	<1			
Sep 01...	8.5	.09	7.7	7.8	9	.4	<.01	<.01	6	21	<.3	<.3	<1			

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 3 of 12
 [Remark codes: <, less than.]

Date	Arsenic	Barium, water, unfltrd	Barium, water, fltrd,	Barium, recover	Beryll- ium, water, unfltrd	Beryll- ium, water, recover	Bismuth	Bismuth	Cadmium	Cadmium	Cesium	Cesium	Chrom- ium,	
	ug/L (01002)	ug/L (01005)	ug/L (01007)	ug/L (01010)	ug/L (01012)	ug/L (01015)	ug/L (01017)	ug/L (01025)	ug/L (01027)	ug/L (01115)	ug/L (01117)	ug/L (01030)	water, unfltrd recover	
Oct 20...	<1	14.9	14.7	<.05	<.05	<.2	<.2	.14	.14	.07	.07	<1	<1	
Nov 01...	<1	16.2	16.1	<.05	<.05	<.2	<.2	.14	.16	.07	.08	<1	<1	
Dec 06...	<1	13.1	13.9	<.05	<.05	<.2	<.2	.18	.18	.05	.06	<1	<1	
Jan 04...	<1	13	13.3	<.05	<.05	<.2	<.2	.31	.33	.05	.06	<1	<1	
Feb 01...	<1	15.6	15.7	<.05	<.05	<.2	<.2	.31	.33	.05	.05	<1	<1	
Mar 03...	<1	16.4	17.2	<.05	<.05	<.2	<.2	.18	.2	.04	.04	<1	1.2	
	29...	<1	13.6	15.8	<.05	<.05	<.2	<.2	.14	.21	.03	.09	<1	1.3
Apr 02...	<1	13.3	14.2	<.05	<.05	<.2	<.2	.16	.19	.03	.05	1.2	1.4	
	02...	<1	10.8	39	<.05	.2	<.2	<.2	.11	.53	.02	.47	<1	6.2
	03...	<1	10	50.3	<.05	.2	<.2	<.2	.08	.84	<.02	.68	<1	8.1
	03...	<1	9.1	47.9	<.05	.2	<.2	<.2	.14	1.62	.02	.76	<1	9
	04...	<1	11.9	22.9	<.05	.07	<.2	<.2	.49	.91	.03	.26	<1	3
May 02...	<1	12.8	12.9	<.05	<.05	<.2	<.2	.24	.22	.05	.06	<1	<1	
Jun 21...	<1	14.6	14.9	<.05	<.05	<.2	<.2	.18	.18	.07	.07	<1	<1	
Jul 15...	<1	17.4	17.1	<.05	<.05	<.2	<.2	.14	.16	.09	.1	<1	<1	
Aug 03...	<1	19.2	19.6	<.05	<.05	<.2	<.2	.13	.17	.1	.1	<1	<1	
Sep 01...	<1	16.4	16.9	<.05	<.05	<.2	<.2	.1	.13	.09	.09	<1	<1	

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 4 of 12
 [Remark codes: <, less than.]

Date	Cobalt water, ug/L (01035)	Cobalt water, unfltrd recover -able, ug/L (01037)	Copper, water, ug/L (01040)	Copper, water, unfltrd recover -able, ug/L (01042)	Gallium water, ug/L (01120)	Gallium water, unfltrd ug/L (01122)	Germanium, water, ug/L (01125)	Germanium, water, unfltrd ug/L (01127)	Iron, water, ug/L (01046)	Iron, water, unfltrd recover -able, ug/L (01045)	Lead, water, ug/L (01049)	Lead, water, unfltrd recover -able, ug/L (01051)	Lithium water, ug/L (01130)
Oct 20...	1.08	1.17	9.7	11.8	<.05	<.05	.05	.07	190	250	<.05	<.05	.3
Nov 01...	1.22	1.26	7	10.1	<.05	<.05	<.05	<.05	140	280	<.05	<.05	.5
Dec 06...	.91	1	8.4	10.7	<.05	<.05	<.05	<.05	80	140	<.05	<.05	1.2
Jan 04...	1.72	1.88	9.2	14	<.05	<.05	<.05	<.05	<50	110	<.05	<.05	1.4
Feb 01...	4.17	4.24	6.2	11.2	<.05	<.05	<.05	<.05	230	330	<.05	<.05	1
Mar 03...	2.74	2.87	3.9	9.2	<.05	<.05	<.05	<.05	90	250	<.05	.06	.5
29...	2.43	3.35	9.6	24.4	<.05	.1	<.05	<.05	60	700	<.05	.61	.2
Apr 02...	3.25	3.66	8.5	16.5	<.05	<.05	<.05	<.05	50	310	<.05	.2	.8
02...	1.7	10.1	7.7	70.6	<.05	.83	<.05	.07	<50	3,540	.06	3.8	.1
03...	1.52	17.1	8.6	152	<.05	1.3	<.05	.1	<50	5,440	<.05	5.9	.2
03...	2.13	29.4	14	331	<.05	1.4	<.05	.1	<50	6,930	.06	5.8	.3
04...	10	20	37.1	167	<.05	.41	<.05	<.05	140	2,330	<.05	1.8	<.1
May 02...	1.09	1.38	14.4	22.2	<.05	<.05	<.05	<.05	<50	110	<.05	.06	.9
Jun 21...	.79	.99	15	18.6	<.05	<.05	<.05	<.05	70	140	<.05	<.05	.2
Jul 15...	.75	.8	11.5	13.7	<.05	<.05	<.05	<.05	120	170	<.05	.1	1.9
Aug 03...	.89	1.06	8.2	12.5	<.05	<.05	<.05	<.05	<50	270	<.05	.06	1.1
Sep 01...	.79	1.02	10.2	14.7	<.05	<.05	<.05	<.05	<50	230	<.05	<.05	1.6

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 5 of 12
 [Remark codes: <, less than.]

Date	Lithium water unfltrd recover -able, ug/L (01132)	Mangan- ese, water, unfltrd recover -able, ug/L (01056)	Mangan- ese, water, unfltrd recover -able, ug/L (01055)	Molyb- denum, water, unfltrd recover -able, ug/L (01060)	Molyb- denum, water, unfltrd recover -able, ug/L (01062)	Nickel, water, unfltrd recover -able, ug/L (01065)	Nickel, water, unfltrd recover -able, ug/L (01067)	Selen- ium, water, unfltrd recover -able, ug/L (01145)	Selen- ium, water, unfltrd recover -able, ug/L (01147)	Silver, water, unfltrd recover -able, ug/L (01075)	Silver, water, unfltrd recover -able, ug/L (01077)	Stront- ium, water, unfltrd recover -able, ug/L (01080)	Stront- ium, water, unfltrd recover -able, ug/L (01082)	
Oct 20...	.3	67.6	69	<2	<2	.6	.6	2.8	2.7	<3	<3	124	123	
Nov 01...	.5	73.7	74.9	<2	<2	.6	.6	1.1	1.5	<3	<3	130	132	
Dec 06...	1.2	43.1	49.3	<2	<2	<.4	<.4	<1	<1	<3	<3	121	123	
Jan 04...	1.1	57.4	62.9	<2	<2	<.4	<.4	<1	<1	<3	<3	107	115	
Feb 01...	1.2	170	171	<2	<2	1	.9	<1	<1	<3	<3	124	123	
Mar 03...	.8	110	121	<2	<2	1	.7	<1	<1	<3	<3	134	137	
	29...	1.2	98.6	170	<2	<2	.5	1.1	<1	<1	<3	<3	98	85.5
Apr 02...	1	113	138	<2	<2	.5	.7	<1	<1	<3	<3	92.9	92.2	
	02...	5.2	85	652	<2	<2	.5	4.7	<1	<1	<3	<3	69.4	83.9
	03...	9.2	65.3	796	<2	<2	<.4	7	<1	<1	<3	<3	62	78.4
	03...	9.9	83.2	764	<2	<2	.7	8.1	<1	<1	<3	<3	55.3	70.3
	04...	3.6	105	278	<2	<2	1.4	3.7	<1	<1	<3	<3	68.1	79.2
May 02...	.8	20.5	27.2	<2	<2	.6	.7	<1	<1	<3	<3	92.4	90.1	
Jun 21...	.6	40.9	45.2	<2	<2	.4	.4	<1	<1	<3	<3	125	129	
Jul 15...	1.3	56.8	58.6	<2	<2	1.1	1.1	<1	<1	<3	<3	134	144	
Aug 03...	1.3	98.2	103	<2	<2	1.2	1.2	<1	<1	<3	<3	173	175	
Sep 01...	1.7	64.7	76.8	<2	<2	2.2	2.3	<1	<1	<3	<3	142	143	

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 6 of 12
 [Remark codes: <, less than.]

Date	Thall- ium, water, filtrd, ug/L (01057)	Thall- ium, water, unfiltrd ug/L (01059)	Titan- ium, water, filtrd, ug/L (01150)	Titan- ium, water, unfiltrd ug/L (01152)	Vanad- ium, water, filtrd, ug/L (01085)	Vanad- ium, water, unfiltrd ug/L (01087)	Ytterb- ium, water, filtrd, ug/L (01194)	Ytterb- ium, water, unfiltrd ug/L (01196)	Zinc, water, filtrd, ug/L (01090)	Zinc, water, unfiltrd recover- able, ug/L (01092)	Sus- pended sediment concentra- tion mg/L (80154)
Oct 20...	<.1	<.1	<.5	<.5	.6	.6	<.005	<.005	19.4	19.5	--
Nov 01...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	<.005	17.9	20.7	0
Dec 06...	<.1	<.1	<.5	1.4	<.5	<.5	<.005	.007	26.8	28.6	1
Jan 04...	<.1	<.1	.6	1.4	<.5	<.5	.008	.008	48.6	52.2	2
Feb 01...	<.1	<.1	<.5	1.3	<.5	<.5	<.005	<.005	58.4	59.9	2
Mar 03...	<.1	<.1	<.5	1.7	<.5	<.5	<.005	.005	31.6	34.1	2
29...	<.1	<.1	<.5	16	<.5	1	<.005	.04	24.3	31.4	22
Apr 02...	<.1	<.1	<.5	5.9	<.5	.6	<.005	.02	22.4	25.6	9
02...	<.1	<.1	<.5	110	<.5	6	.007	.25	13.4	70.1	160
03...	<.1	<.1	<.5	160	<.5	8.5	.006	.42	10.2	111	249
03...	<.1	<.1	<.5	180	<.5	9.1	.006	.48	15	194	293
04...	<.1	<.1	<.5	62	<.5	3	<.005	.17	64.6	120	75
May 02...	<.1	<.1	<.5	2.9	<.5	<.5	<.005	.007	33.3	35.5	3
Jun 21...	<.1	<.1	<.5	.7	<.5	<.5	<.005	.005	19.3	21.4	<1
Jul 15...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	.005	11.1	12.8	1
Aug 03...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	<.005	8.8	12.5	--
Sep 01...	<.1	<.1	<.5	.5	<.5	<.5	<.005	.005	8.9	11.1	<1

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 7 of 12
 [Remark codes: <, less than.]

Date	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC (00095)	Temper- ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Calcium water, unfltrd recover -able, mg/L (00916)	Magnes- ium, water, unfltrd recover -able, mg/L (00925)	Magnes- ium, water, unfltrd recover -able, mg/L (00927)	Potas- sium, water, unfltrd recover -able, mg/L (00935)	Potas- sium, water, unfltrd recover -able, mg/L (00937)	Sodium, water, unfltrd recover -able, mg/L (00930)	Sodium, water, unfltrd recover -able, mg/L (00929)	Alka- linity, wat flt fxd end lab, mg/L as CaCO3 (29801)
Oct 11...	--	7.2	285	12.2	27	27.4	1.47	1.5	2.5	2.56	5.21	5.29	70.99
Nov 08...	11.1	6.7	215	6.9	31	31.1	2	1.97	2.24	2.24	3.82	3.82	54.4
Dec 01...	12.3	6.6	168	3.2	23	23.3	1.51	1.54	1.68	1.7	2.74	2.76	43.87
Jan 26...	--	7.2	160	1.5	24.2	25.2	1.37	1.41	1.56	1.59	2.6	2.7	49.66
Feb 23...	--	7.3	176	.4	28.4	28.1	1.51	1.51	1.7	1.68	3.14	3.1	59.81
Mar 23...	--	7.5	186	.2	24.4	25.7	1.27	1.32	1.52	1.6	3.13	3.2	--
Apr 13...	--	7.6	172	8	22.7	23.2	1.15	1.18	1.54	1.58	3.49	3.5	51.57
May 09...	--	7.8	192	9.8	32	33.6	1.78	1.87	2.01	2.12	5.3	5.54	62.6
Jun 07...	--	7.9	188	14.4	30.6	31.2	1.61	1.67	1.77	1.78	4.63	4.81	65.23
Jul 13...	--	7.5	136	--	18.9	19.6	.98	1.1	1.24	1.32	2.52	2.63	55.62
Aug 22...	8	7.6	175	16.8	30.5	31.6	1.59	1.59	2	2.1	4.37	4.57	--
24...	--	7.7	216	--	29.6	30.2	1.49	1.54	1.97	1.98	4.74	4.85	88.64

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 8 of 12
 [Remark codes: <, less than.]

Date	Chlor-ide, water, filtrd, mg/L (00940)	Fluor-ide, water, filtrd, mg/L (00950)	Silica, water, filtrd, mg/L (00955)	Silica, water, unfiltrd, mg/L (00956)	Sulfate water, filtrd, mg/L (00945)	Nitrite + nitrate water filtrd, mg/L as N (00631)			Phos-phorus, water, filtrd, mg/L (00666)	Phos-phorus, water, unfiltrd, mg/L (00665)	Alum-inum, water, filtrd, ug/L (01106)	Alum-inum, water, unfiltrd, recover-able, ug/L (01105)	Anti-mony, water, filtrd, ug/L (01095)	Anti-mony, water, unfiltrd, ug/L (01097)	Arsenic water, filtrd, ug/L (01000)
Oct 11...	9.4	<.08	6.4	6.6	14.1	.7	<.01	<.01	8	32	<.3	<.3	<1		
Nov 08...	5.8	.3	7.3	7.2	32.2	.8	<.01	<.01	6	21	<.3	<.3	<1		
Dec 01...	4.2	<.08	6.2	6.3	25.2	1	<.01	<.01	9	65	<.3	<.3	<1		
Jan 26...	4.2	<.08	5.8	6	21	1.5	<.01	<.01	6	53	<.3	<.3	<1		
Feb 23...	5	<.08	6.4	6.3	20	1.6	<.01	<.01	5	64	<.3	<.3	<1		
Mar 23...	4.7	<.08	5.8	6.1	19	1.6	<.01	<.01	5	42	<.3	<.3	<1		
Apr 13...	5.8	.4	5.4	5.5	21	1.4	<.01	<.01	10	63	<.3	<.3	<1		
May 09...	7.6	<.08	7	7.5	20	1	<.01	<.01	22	44	<.3	<.3	<1		
Jun 07...	6	<.08	7.4	7.7	18	.8	<.01	<.01	16	39	<.3	<.3	<1		
Jul 13...	3.8	.09	5.3	6.1	8.4	.6	<.01	<.01	15	278	<.3	<.3	<1		
Aug 22...	6.3	.09	6.2	6.5	11	.7	<.01	<.01	16	10	<.3	<.3	<1		
24...	1.8	.1	6.2	6.4	42	.6	<.01	<.01	9	18	<.3	<.3	<1		

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 9 of 12
 [Remark codes: <, less than.]

Date	Arsenic water unfltrd ug/L (01002)	Barium, water, unfltrd ug/L (01005)	Barium, water, recover -able, ug/L (01007)	Beryll- ium, water, unfltrd ug/L (01010)	Beryll- ium, water, recover -able, ug/L (01012)	Bismuth water, fltrd, ug/L (01015)	Bismuth water, unfltrd ug/L (01017)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd ug/L (01027)	Cesium, water, fltrd, ug/L (01115)	Cesium, water, unfltrd ug/L (01117)	Chrom- ium, water, unfltrd recover -able, ug/L (01030)	Chrom- ium, water, unfltrd recover -able, ug/L (01034)
Oct 11...	<1	14	14.8	<.05	<.05	<.2	<.2	.12	.15	.06	.07	<1	<1
Nov 08...	<1	13.7	14	<.05	<.05	<.2	<.2	.16	.16	.07	.07	<1	<1
Dec 01...	<1	15.1	10.3	<.05	<.05	<.2	<.2	.39	.42	.05	.06	<1	<1
Jan 26...	<1	10.6	11	<.05	<.05	<.2	<.2	.33	.35	.05	.05	<1	<1
Feb 23...	<1	12.6	12.8	<.05	<.05	<.2	<.2	.33	.35	.05	.05	<1	<1
Mar 23...	<1	11.5	11.6	<.05	<.05	<.2	<.2	.24	.26	.04	.04	1	<1
Apr 13...	<1	11.2	10.8	<.05	<.05	<.2	<.2	.19	.23	.05	.06	<1	<1
May 09...	<1	14.8	15.2	<.05	<.05	<.2	<.2	.25	.27	.07	.08	2	2
Jun 07...	<1	15.4	15.3	<.05	<.05	<.2	<.2	.24	.26	.08	.09	2.4	2.4
Jul 13...	<1	12.2	12.6	<.05	<.05	<.2	<.2	.16	.23	.06	.1	<1	<1
Aug 22...	<1	16.2	16.3	<.05	<.05	<.2	<.2	.11	.11	.09	.09	<1	<1
24...	<1	15.3	15.8	<.05	<.05	<.2	<.2	.09	.11	.08	.09	<1	<1

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 10 of 12
 [Remark codes: <, less than.]

Date	Cobalt water, ug/L (01035)	Cobalt unfltrd recover -able, ug/L (01037)	Copper water, ug/L (01040)	Copper unfltrd recover -able, ug/L (01042)	Gallium water, ug/L (01120)	Gallium unfltrd ug/L (01122)	Germanium water, ug/L (01125)	Germanium unfltrd ug/L (01127)	Iron water, ug/L (01046)	Iron unfltrd recover -able, ug/L (01045)	Lead water, ug/L (01049)	Lead unfltrd recover -able, ug/L (01051)	Lithium water, ug/L (01130)
Oct 11...	.77	.97	16.2	21	<.05	<.05	<.05	<.05	80	170	.06	.05	2
Nov 08...	1.09	1.16	10.3	13.9	<.05	<.05	<.05	<.05	<50	110	.07	<.05	.9
Dec 01...	3.98	4.21	25.7	54.3	<.05	<.05	<.05	<.05	<50	180	<.05	<.05	1.1
Jan 26...	2.62	2.86	13.3	32.5	<.05	<.05	<.05	<.05	<50	150	.1	.1	1.1
Feb 23...	2.22	2.46	11.6	25.2	<.05	<.05	<.05	<.05	<50	160	.07	.1	.7
Mar 23...	1.83	1.96	9.5	15.6	<.05	<.05	<.05	<.05	<50	70	.1	<.05	<.1
Apr 13...	1.27	1.38	13.5	23.4	<.05	<.05	<.05	<.05	<50	60	.09	<.05	<.1
May 09...	1.13	1.26	13.7	23.9	<.05	<.05	<.05	<.05	80	160	<.05	<.05	2.3
Jun 07...	1.05	1.11	16.3	24.4	<.05	<.05	<.05	<.05	<50	120	.06	<.05	2.3
Jul 13...	.58	1.13	22.3	41.5	<.05	.08	<.05	<.05	<50	400	.1	.3	.1
Aug 22...	.45	.45	11.5	9.8	<.05	<.05	<.05	<.05	140	60	.09	.08	1.9
24...	.38	.46	6.7	9.4	<.05	<.05	<.05	<.05	<50	190	.3	<.05	1.1

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 11 of 12
 [Remark codes: <, less than.]

Date	Lithium water unfltrd recover -able, ug/L (01132)	Mangan- ese, water, unfltrd recover -able, ug/L (01056)	Mangan- ese, water, unfltrd recover -able, ug/L (01055)	Molyb- denum, water, unfltrd recover -able, ug/L (01060)	Molyb- denum, water, unfltrd recover -able, ug/L (01062)	Nickel, water, unfltrd recover -able, ug/L (01065)	Nickel, water, unfltrd recover -able, ug/L (01067)	Selen- ium, water, unfltrd recover -able, ug/L (01145)	Selen- ium, water, unfltrd recover -able, ug/L (01147)	Silver, water, unfltrd recover -able, ug/L (01075)	Silver, water, unfltrd recover -able, ug/L (01077)	Stront- ium, water, unfltrd recover -able, ug/L (01080)	Stront- ium, water, unfltrd recover -able, ug/L (01082)
Oct 11...	2.2	48	54.8	<2	<2	2	2	<1	<1	<3	<3	114	116
Nov 08...	1.5	46	48.4	<2	<2	2.3	2.4	<1	<1	<3	<3	112	114
Dec 01...	1.2	31.5	38	<2	<2	13.6	2.4	<1	<1	<3	<3	81	81.7
Jan 26...	1.3	29.6	35	<2	<2	1.1	1	<1	<1	<3	<3	91.2	94.7
Feb 23...	1.3	45.1	53.2	<2	<2	1	1	<1	<1	<3	<3	109	108
Mar 23...	<.1	33.1	39	<2	<2	.7	.8	<1	<1	<3	<3	92.1	96.6
Apr 13...	<.1	17.9	24.4	<2	<2	.7	.7	<1	<1	<3	<3	86.7	87.8
May 09...	2.6	38.4	42.6	<2	<2	.6	.4	<1	<1	<1	<1	120	126
Jun 07...	2.5	30.2	33.2	<2	<2	.5	.4	<1	<1	<1	<1	120	119
Jul 13...	1	24.8	46.8	<2	<2	.7	.8	<1	<1	<3	<3	85.3	87.9
Aug 22...	1.8	51.3	47.3	<2	<2	<.4	<.4	<1	<1	<3	<3	135	137
24...	1.5	50.2	57.4	<2	<2	.6	<.4	<1	<1	<3	<3	129	134

01139838 PIKE HILL BROOK AT PIKE HILL ROAD NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
 Part 12 of 12
 [Remark codes: <, less than.]

Date	Thall- ium, water, filtrd, ug/L (01057)	Thall- ium, water, unfiltrd ug/L (01059)	Titan- ium, water, filtrd, ug/L (01150)	Titan- ium, water, unfiltrd ug/L (01152)	Vanad- ium, water, filtrd, ug/L (01085)	Vanad- ium, water, unfiltrd ug/L (01087)	Ytterb- ium, water, filtrd, ug/L (01194)	Ytterb- ium, water, unfiltrd ug/L (01196)	Zinc, water, filtrd, ug/L (01090)	Zinc, water, unfiltrd recover- able, ug/L (01092)	Sus- pended sediment concentra- tion mg/L (80154)
Oct 11...	<.1	<.1	<.5	1	<.5	<.5	.005	.006	14.1	16	<1
Nov 08...	<.1	<.1	.6	1	<.5	<.5	<.005	<.005	27	26.1	<1
Dec 01...	<.1	<.1	.6	6	<.5	<.5	<.005	.01	64.4	68.1	4
Jan 26...	<.1	<.1	.8	1.6	.5	<.5	<.005	.007	59.4	64.8	1
Feb 23...	<.1	<.1	<.5	2	<.5	<.5	<.005	.009	67.4	69.8	--
Mar 23...	<.1	<.1	<.5	1.2	<.5	<.5	<.005	.005	47.4	50.6	--
Apr 13...	<.1	<.1	.5	1.6	.6	<.5	<.005	<.005	34.1	37.4	--
May 09...	<.1	<.1	<.5	.6	.7	.6	<.005	.005	31.8	37	1
Jun 07...	<.1	<.1	<.5	.6	.7	.7	.006	.006	28.3	31.5	<1
Jul 13...	<.1	<.1	<.5	10	<.5	.5	.008	.03	18	35.5	18
Aug 22...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	<.005	10.8	21.8	--
Aug 24...	<.1	<.1	<.5	.6	<.5	<.5	<.005	<.005	22.7	9.7	1



Water-Data Report 2006

01139839 PIKE HILL BROOK AT MILLER ROAD, NEAR BRADFORD, VT

Upper Connecticut Basin
Waits Subbasin

LOCATION.--Lat 44°03'19", long 72°14'45" referenced to North American Datum of 1927, Orange County, Hydrologic Unit 01080103, above culvert on Miller Road, 250 ft southwest of Miller Road and Pike Hill Road intersection, 0.7 mi southwest of Pike Hill Road and VT 25 intersection, 0.8 mi upstream from mouth, and 7.2 mi northwest of US 5 and South Main Street (VT 25B) intersection in Bradford.

DRAINAGE AREA.--4.39 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous Discharge measurements: Water year 2005.

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Date	Discharge, in ft ³ /s
Nov 1, 2004	2.84
Apr 4, 2005	30.9
Jun 21, 2005	6.44

Water-Data Report 2006

01139839 PIKE HILL BROOK AT MILLER ROAD, NEAR BRADFORD, VT

 Upper Connecticut Basin
 Waits Subbasin

WATER-QUALITY RECORDS

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

PERIOD OF RECORD.--Water-quality Field/Lab Samples: Water year 2005.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
 Part 1 of 12
 [Remark codes: <, less than.]

Date	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC (00095)	Temper- ature, water, deg C (00010)	Calcium water, filtrd, mg/L (00915)	Calcium water, recover -able, mg/L (00916)	Magnes- ium, water, filtrd, recover -able, mg/L (00925)	Magnes- ium, water, filtrd, recover -able, mg/L (00927)	Potas- sium, water, filtrd, recover -able, mg/L (00935)	Potas- sium, water, filtrd, recover -able, mg/L (00937)	Sodium, water, unfltrd recover -able, mg/L (00930)	Sodium, water, unfltrd recover -able, mg/L (00929)	Alka- linity, wat flt fxd end lab, mg/L as CaCO3 (29801)
Oct 20...	10	7.7	137	6.7	30.6	32.7	1.76	1.86	2.35	2.5	4.82	5.01	--
Nov 01...	10.7	7.6	215	7.2	31.8	32.2	1.79	1.84	2.22	2.27	4.67	4.81	83.53
Apr 04...	--	7.3	144	1.2	20.3	19.8	1.17	1.19	1.82	1.79	3.66	3.56	38.75
Jun 21...	8.2	7.7	198	21	32.8	31.3	1.63	1.56	1.96	1.89	5.85	5.77	73.19
Aug 03...	8	7.4	240	22.7	39	39.4	1.83	1.77	2.3	2.36	6.33	6.14	--

01139839 PIKE HILL BROOK AT MILLER ROAD, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 2 of 12
 [Remark codes: <, less than.]

Date	Nitrite + nitrate						Alum-inum, water, unfltrd recover-able, ug/L			Anti-mony, water, fltrd, ug/L		Anti-mony, water, unfltrd ug/L	
	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Silica, water, unfltrd mg/L (00956)	Sulfate water, fltrd, mg/L (00945)	Nitrate water, fltrd, mg/L as N (00631)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	Alum-inum, water, fltrd, ug/L (01106)	(01105)	(01095)	(01097)	(01000)
Oct 20...	8.8	<.08	6.6	7.2	14.6	.5	<.01	<.01	5	8	<.3	<.3	<1
Nov 01...	8.6	<.08	6.6	6.8	16	.57	<.01	<.01	4	7	<.3	<.3	<1
Apr 04...	6.8	.1	4.4	4.5	16	1.1	<.01	<.01	12	217	<.3	<.3	<1
Jun 21...	9	.6	5.9	5.7	12.6	.6	<.01	<.01	8	13	<.3	<.3	<1
Aug 03...	10.3	.09	6.1	5.9	5.7	.4	<.01	<.01	4	8	<.3	<.3	<1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 3 of 12
 [Remark codes: <, less than.]

Date	Beryll-ium, water, unfltrd recover-able, ug/L						Bismuth water, fltrd, ug/L (01015)						Cadmium water, fltrd, ug/L (01025)			Cesium, water, unfltrd ug/L (01115)	Cesium, water, fltrd, ug/L (01030)	Chrom-ium, water, unfltrd recover-able, ug/L (01034)
	Arsenic water unfltrd ug/L (01002)	Barium, water, fltrd, ug/L (01005)	Barium, water, unfltrd recover-able, ug/L (01007)	Beryll-ium, water, fltrd, ug/L (01010)	Beryll-ium, water, unfltrd recover-able, ug/L (01012)	Bismuth water, fltrd, ug/L (01015)	Bismuth water, unfltrd ug/L (01017)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd ug/L (01027)	Cesium, water, fltrd, ug/L (01115)	Cesium, water, unfltrd ug/L (01117)	(01117)	(01030)	(01034)				
Oct 20...	<1	15.8	15.8	<.05	<.05	<.2	<.2	.11	.11	.08	.07	<1	<1					
Nov 01...	<1	15	15.9	<.05	<.05	<.2	<.2	.09	.11	.07	.07	<1	<1					
Apr 04...	<1	12	13.4	<.05	<.05	<.2	<.2	.32	.44	.03	.07	<1	<1					
Jun 21...	<1	15.2	14.6	<.05	<.05	<.2	<.2	.16	.18	.08	.08	<1	<1					
Aug 03...	<1	19.9	19.9	<.05	<.05	<.2	<.2	.14	.18	.11	.11	<1	<1					

01139839 PIKE HILL BROOK AT MILLER ROAD, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 4 of 12
 [Remark codes: <, less than.]

Date	Cobalt water, filtrd, ug/L (01035)	Cobalt water, unfltrd recover -able, ug/L (01037)	Copper, water, filtrd, ug/L (01040)	Copper, water, unfltrd recover -able, ug/L (01042)	Gallium water, filtrd, ug/L (01120)	Gallium water, unfltrd ug/L (01122)	Germanium, water, filtrd, ug/L (01125)	Germanium, water, unfltrd ug/L (01127)	Iron, water, filtrd, ug/L (01046)	Iron, water, unfltrd recover -able, ug/L (01045)	Lead, water, filtrd, ug/L (01049)	Lead, water, unfltrd recover -able, ug/L (01051)	Lithium water, filtrd, ug/L (01130)
Oct 20...	1.04	1.15	7	9.4	<.05	<.05	.06	<.05	280	460	<.05	<.05	.2
Nov 01...	.85	1.1	4.9	7.2	<.05	<.05	<.05	<.05	160	390	<.05	<.05	.4
Apr 04...	7.54	8.66	32.5	83.3	<.05	.05	<.05	<.05	130	730	<.05	.3	.6
Jun 21...	.3	.36	11.9	13.5	<.05	<.05	<.05	<.05	70	110	<.05	<.05	.6
Aug 03...	.94	1.2	7.2	9	<.05	<.05	<.05	<.05	110	340	<.05	<.05	1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 5 of 12
 [Remark codes: <, less than.]

Date	Lithium water, unfltrd recover -able, ug/L (01132)	Manganese, water, unfltrd recover -able, ug/L (01056)	Manganese, water, unfltrd recover -able, ug/L (01055)	Molybdenum, water, unfltrd recover -able, ug/L (01060)	Molybdenum, water, unfltrd recover -able, ug/L (01062)	Nickel, water, filtrd, ug/L (01065)	Nickel, water, unfltrd recover -able, ug/L (01067)	Selenium, water, filtrd, ug/L (01145)	Selenium, water, unfltrd ug/L (01147)	Silver, water, filtrd, ug/L (01075)	Silver, water, unfltrd recover -able, ug/L (01077)	Strontium, water, unfltrd recover -able, ug/L (01080)	Strontium, water, unfltrd recover -able, ug/L (01082)
Oct 20...	1.2	120	128	<2	<2	.5	.6	2.1	<1	<3	<3	132	129
Nov 01...	.3	88.3	105	<2	<2	.5	.5	1.4	2	<3	<3	129	134
Apr 04...	.8	113	144	<2	<2	.9	1.3	<1	<1	<3	<3	75.5	74.8
Jun 21...	.4	43.2	46.3	<2	<2	<.4	.5	<1	<1	<3	<3	136	132
Aug 03...	1.1	240	260	<2	<2	1.2	1.2	<1	<1	<3	<3	171	166

01139839 PIKE HILL BROOK AT MILLER ROAD, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 6 of 12
 [Remark codes: <, less than.]

Date	Thallium, water, fltrd, ug/L (01057)	Thallium, water, unfltrd ug/L (01059)	Titanium, water, fltrd, ug/L (01150)	Titanium, water, unfltrd ug/L (01152)	Vanadium, water, fltrd, ug/L (01085)	Vanadium, water, unfltrd ug/L (01087)	Ytterbium, water, fltrd, ug/L (01194)	Ytterbium, water, unfltrd ug/L (01196)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd recover- able, ug/L (01092)	Sus- pended sediment concentra- tion mg/L (80154)
Oct 20...	<.1	<.1	<.5	.6	.5	<.5	<.005	<.005	13.4	14.3	--
Nov 01...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	<.005	12	14.7	1
Apr 04...	<.1	<.1	<.5	6.7	<.5	<.5	.005	.03	45.6	58.6	11
Jun 21...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	<.005	15.8	16.7	<1
Aug 03...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	<.005	10.1	13.8	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 7 of 12
 [Remark codes: <, less than.]

Date	pH, water, unfltrd field, std units (00300)	Specif. conduc- tance, wat unf 25 degC (00095)	Temper- ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Calcium water, recover -able, mg/L (00916)	Magnes- ium, water, unfltrd recover -able, mg/L (00925)	Magnes- ium, water, unfltrd recover -able, mg/L (00927)	Potas- sium, water, unfltrd recover -able, mg/L (00935)	Potas- sium, water, unfltrd recover -able, mg/L (00937)	Sodium, water, unfltrd recover -able, mg/L (00930)	Sodium, water, unfltrd recover -able, mg/L (00929)	Chlor- ide, water, fltrd, mg/L (00940)	
Aug 22...	8	7.5	181	17.2	32.2	32.7	1.71	1.81	2.09	2.22	4.9	5.06	7

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 8 of 12
 [Remark codes: <, less than.]

Date	Nitrite + nitrate						Alum- inum, water, unfltrd recover -able, fltrd, ug/L (01105)						Anti- mony, water, unfltrd recover -able, fltrd, ug/L (01095)		Anti- mony, water, unfltrd recover -able, fltrd, ug/L (01097)	
	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Silica, water, unfltrd mg/L (00956)	Sulfate water, fltrd, mg/L (00945)	as N (00631)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Alum- inum, water, fltrd, ug/L (01106)	Anti- mony, water, fltrd, ug/L (01095)	Anti- mony, water, unfltrd recover -able, fltrd, ug/L (01097)	Arsenic water, fltrd, ug/L (01000)	Arsenic water, unfltrd recover -able, fltrd, ug/L (01002)				
Aug 22...	.09	6.2	6.8	10	.6	<.01	<.01	6	150	<.3	<.3	<1	<1			

01139839 PIKE HILL BROOK AT MILLER ROAD, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 9 of 12
 [Remark codes: <, less than.]

Date	Barium, water, unfltrd (ug/L) (01005)	Barium, water, recover -able, fltrd, (ug/L) (01007)	Beryll- ium, water, unfltrd (ug/L) (01010)	Beryll- ium, water, recover -able, fltrd, (ug/L) (01012)	Bismuth water, unfltrd (ug/L) (01015)	Bismuth water, unfltrd (ug/L) (01017)	Cadmium water, unfltrd (ug/L) (01025)	Cadmium water, unfltrd (ug/L) (01027)	Cesium, water, unfltrd (ug/L) (01115)	Cesium, water, unfltrd (ug/L) (01117)	Chrom- ium, water, unfltrd (ug/L) (01030)	Chrom- ium, water, recover -able, fltrd, (ug/L) (01034)	Cobalt water, fltrd, (ug/L) (01035)
Aug 22...	16.7	18.2	<.05	<.05	<.2	<.2	.11	.18	.09	.12	<1	<1	.78

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 10 of 12
 [Remark codes: <, less than.]

Date	Cobalt water, unfltrd recover -able, fltrd, ug/L (01037)	Copper, water, unfltrd recover -able, fltrd, ug/L (01040)	Gallium water, unfltrd recover -able, fltrd, ug/L (01042)	Gallium water, unfltrd recover -able, fltrd, ug/L (01120)	German- ium, water, unfltrd recover -able, fltrd, ug/L (01122)	German- ium, water, unfltrd recover -able, fltrd, ug/L (01125)	Iron, water, unfltrd recover -able, fltrd, ug/L (01046)	Iron, water, unfltrd recover -able, fltrd, ug/L (01045)	Lead, water, unfltrd recover -able, fltrd, ug/L (01049)	Lithium water recover -able, fltrd, ug/L (01130)	Lithium water recover -able, fltrd, ug/L (01132)		
Aug 22...	2.36	7.4	15.8	<.05	<.05	<.05	<.05	90	430	<.05	.2	1.9	2.6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 11 of 12
 [Remark codes: <, less than.]

Date	Mangan- ese, water, unfltrd recover -able, fltrd, ug/L (01056)	Molyb- denum, water, unfltrd recover -able, fltrd, ug/L (01055)	Molyb- denum, water, unfltrd recover -able, fltrd, ug/L (01060)	Nickel, water, unfltrd recover -able, fltrd, ug/L (01062)	Selen- ium, water, unfltrd recover -able, fltrd, ug/L (01067)	Silver, water, unfltrd recover -able, fltrd, ug/L (01147)	Silver, water, unfltrd recover -able, fltrd, ug/L (01075)	Stront- ium, water, unfltrd recover -able, fltrd, ug/L (01077)	Stront- ium, water, unfltrd recover -able, fltrd, ug/L (01080)	Thall- ium, water, unfltrd recover -able, fltrd, ug/L (01082)	Thall- ium, water, unfltrd recover -able, fltrd, ug/L (01057)	Titan- ium, water, fltrd, ug/L (01150)	
Aug 22...	118	216	<2	<2	.6	<1	<3	<3	137	140	<.1	<.1	<.5

01139839 PIKE HILL BROOK AT MILLER ROAD, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 12 of 12
 [Remark codes: <, less than.]

Date	Titan- ium, water, unfltrd ug/L (01152)	Vanad- ium, water, filtrd, ug/L (01085)	Vanad- ium, water, unfltrd ug/L (01087)	Ytterb- ium, water, filtrd, ug/L (01194)	Ytterb- ium, water, unfltrd ug/L (01196)	Zinc, water, water, filtrd, ug/L (01090)	Zinc, unfltrd recover -able, ug/L (01092)
Aug 22...	6.4	<.5	<.5	<.005	.02	11.5	20.1



Water-Data Report 2006

01139840 PIKE HILL BROOK AT MOUTH, NEAR BRADFORD, VT

Upper Connecticut Basin
Waits Subbasin

LOCATION.--Lat 44°03'44", long 72°14'06" referenced to North American Datum of 1927, Orange County, Hydrologic Unit 01080103, at mouth, 0.1 mi north of Pike Hill Road and VT 25 intersection, 0.6 mi west of Chicken Hill Road and Village Road intersection in East Corinth, and 7.1 mi northwest of US 5 and South Main Street (VT 25B) intersection in Bradford.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous Discharge measurement: Water year 2005.

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Date	Discharge, in ft ³ /s
Nov 1, 2004	2.70

Water-Data Report 2006

01139840 PIKE HILL BROOK AT MOUTH, NEAR BRADFORD, VT

 Upper Connecticut Basin
 Waits Subbasin

WATER-QUALITY RECORDS

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

PERIOD OF RECORD.--Water-quality Field/Lab Samples: Water year 2005.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

 Part 1 of 6
 [Remark codes: <, less than.]

Date	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC (00095)	Temper- ature, water, deg C (00010)	Calcium water, filtrd, mg/L (00915)	Calcium water, recover -able, mg/L (00916)	Magnes- ium, water, filtrd, mg/L (00925)	Magnes- ium, water, recover -able, mg/L (00927)	Potas- sium, water, filtrd, mg/L (00935)	Potas- sium, water, recover -able, mg/L (00937)	Sodium, water, unfltrd recover -able, mg/L (00930)	Sodium, water, unfltrd recover -able, mg/L (00929)	Alka- linity, wat flt fxd end lab, mg/L as CaCO3 (29801)
Nov													
01...	12	8	223	6.9	32.2	31.3	1.9	1.82	2.23	2.16	5.58	5.43	86.35
Apr													
04...	--	7.3	139	1	19.1	19.5	1.11	1.18	1.73	1.78	3.89	3.91	38.98
Jun													
21...	--	8.1	206	20.8	31.3	32.6	1.6	1.68	1.85	1.9	7.14	7.41	74.66
Aug													
03...	8	8.3	238	20.1	39.4	39.1	1.9	1.94	2.44	2.5	8.22	8.46	--

01139840 PIKE HILL BROOK AT MOUTH, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 2 of 6
 [Remark codes: <, less than.]

Date	Chlor-	Fluor-	Silica,	Silica,	Sulfate	Nitrite			Alum-		Anti-	Anti-	Arsenic
	ide, water, fltrd, mg/L (00940)	ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Silica, water, unfltrd, mg/L (00956)	Sulfate water, fltrd, mg/L (00945)	nitrato water fltrd, mg/L as N (00631)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd, mg/L (00665)	Alum- inum, water, fltrd, ug/L (01106)	water, unfltrd recover- able, ug/L (01105)	mony, water, fltrd, ug/L (01095)	mony, water, unfltrd, ug/L (01097)	water, fltrd, ug/L (01000)
Nov 01...	9.8	<.08	6.7	6.4	15.5	.7	<.01	<.01	3	5	<.3	<.3	<1
Apr 04...	7	.1	4	4.6	15.1	1.1	<.01	<.01	13	282	<.3	<.3	<1
Jun 21...	11.5	.08	5.8	5.9	12.2	.6	<.01	<.01	8	16	<.3	<.3	<1
Aug 03...	12.5	.09	6.3	6.2	6.7	.6	<.01	<.01	6	16	<.3	<.3	<1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 3 of 6
 [Remark codes: <, less than.]

Date	Barium,				Beryll-				Cesium,				Chrom-
	Arsenic water unfltrd ug/L (01002)	Barium, water, fltrd, ug/L (01005)	Barium, water, unfltrd recover- able, ug/L (01007)	Beryll- ium, water, fltrd, ug/L (01010)	Beryll- ium, water, unfltrd recover- able, ug/L (01012)	Bismuth water, fltrd, ug/L (01015)	Bismuth water, unfltrd, ug/L (01017)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd, ug/L (01027)	Cesium, water, unfltrd recover- able, ug/L (01115)	Cesium, water, fltrd, ug/L (01117)	ium, water, unfltrd recover- able, ug/L (01030)	ium, water, fltrd, ug/L (01034)
Nov 01...	<1	14.8	14.3	<.05	<.05	<.2	<.2	.06	.07	.07	.07	<1	<1
Apr 04...	<1	11.4	14.9	<.05	<.05	<.2	<.2	.28	.46	.03	.08	<1	1
Jun 21...	<1	14.1	14.6	<.05	<.05	<.2	<.2	.08	.09	.08	.09	1.1	<1
Aug 03...	<1	16.1	16.1	<.05	<.05	<.2	<.2	.04	.07	.11	.11	<1	<1

01139840 PIKE HILL BROOK AT MOUTH, NEAR BRADFORD, VT—Continued
WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 4 of 6

[Remark codes: <, less than.]

Date	Cobalt water, filtrd, ug/L (01035)	Cobalt water, unfltrd recover -able, ug/L (01037)	Copper, water, filtrd, ug/L (01040)	Copper, water, unfltrd recover -able, ug/L (01042)	Gallium water, filtrd, ug/L (01120)	Gallium water, unfltrd ug/L (01122)	Germanium, water, filtrd, ug/L (01125)	Germanium, water, unfltrd ug/L (01127)	Iron, water, filtrd, ug/L (01046)	Iron, water, unfltrd recover -able, ug/L (01045)	Lead, water, filtrd, ug/L (01049)	Lead, water, unfltrd recover -able, ug/L (01051)	Lithium water, filtrd, ug/L (01130)
Nov 01...	.17	.23	4.3	5.3	<.05	<.05	<.05	<.05	90	250	<.05	<.05	.5
Apr 04...	4.95	8.72	30	85.1	<.05	.07	<.05	<.05	110	820	<.05	.4	<.1
Jun 21...	.08	.2	10.1	12.2	<.05	<.05	<.05	<.05	<50	80	<.05	<.05	.9
Aug 03...	.05	.27	5.8	7.1	<.05	<.05	<.05	<.05	<50	60	<.05	<.05	1.6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 5 of 6

[Remark codes: <, less than.]

Date	Lithium water, unfltrd recover -able, ug/L (01132)	Manganese, water, unfltrd recover -able, ug/L (01056)	Manganese, water, unfltrd recover -able, ug/L (01055)	Molybdenum, water, unfltrd recover -able, ug/L (01060)	Molybdenum, water, unfltrd recover -able, ug/L (01062)	Nickel, water, filtrd, ug/L (01065)	Nickel, water, unfltrd recover -able, ug/L (01067)	Selenium, water, filtrd, ug/L (01145)	Selenium, water, unfltrd ug/L (01147)	Silver, water, filtrd, ug/L (01075)	Silver, water, unfltrd recover -able, ug/L (01077)	Strontium, water, filtrd, ug/L (01080)	Strontium, water, unfltrd recover -able, ug/L (01082)
Nov 01...	<.1	23.6	26.2	<2	<2	.4	.5	1.6	1.2	<3	<3	134	130
Apr 04...	.2	88	226	<2	<2	.8	1.3	<1	<1	<3	<3	71.8	73.8
Jun 21...	1.2	12.6	20.1	<2	<2	<.4	<.4	<1	<1	<3	<3	133	136
Aug 03...	1.4	.7	17.5	<2	<2	1.1	1	<1	<1	<3	<3	171	170

01139840 PIKE HILL BROOK AT MOUTH, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 6 of 6
 [Remark codes: <, less than.]

Date	Thall- ium, water, filtrd, ug/L (01057)	Thall- ium, water, unfiltrd ug/L (01059)	Titan- ium, water, filtrd, ug/L (01150)	Titan- ium, water, unfiltrd ug/L (01152)	Vanad- ium, water, filtrd, ug/L (01085)	Vanad- ium, water, unfiltrd ug/L (01087)	Ytterb- ium, water, filtrd, ug/L (01194)	Ytterb- ium, water, unfiltrd ug/L (01196)	Zinc, water, filtrd, ug/L (01090)	Zinc, water, unfiltrd recover- able, ug/L (01092)	Sus- pended sediment concen- tration mg/L (80154)
Nov											
01...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	<.005	7.8	9.7	0
Apr											
04...	<.1	<.1	<.5	9.1	<.5	.7	.006	.04	39.8	61.8	14
Jun											
21...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	<.005	10	10.7	1
Aug											
03...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	<.005	4.6	7.2	--

Water-Data Report 2006

01139826 WAITS RIVER AT VT 25, DOWNSTREAM OF WAITS RIVER, NEAR BRADFORD, VT

Upper Connecticut Basin
Waits Subbasin

LOCATION.--Lat 44°04'38", long 72°15'36" referenced to North American Datum of 1927, Orange County, Hydrologic Unit 01080103, at bridge on VT 25, 50 ft southeast of VT 25 and Bruleigh Road intersection, 1.4 mi southeast of VT 25 and Pike Hill Road intersection at Waits River, 1.8 mi upstream from Pike Hill Brook, and 8.7 mi northwest of US 5 and South Main Street (VT 25B) intersectoin in Bradford.

DRAINAGE AREA.--42.7 mi²

SURFACE-WATER RECORDS

PERIOD OF RECORD.--

MISCELLANEOUS DISCHARGE MEASUREMENTS: Water year 2005.

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Discharge, in ft ³ /s
Nov 2, 2004	26.8
Apr 5, 2005	238
Jun 21, 2005	89.1

Water-Data Report 2006

01139826 WAITS RIVER AT VT 25, DOWNSTREAM OF WAITS RIVER, NEAR BRADFORD, VT

 Upper Connecticut Basin
 Waits Subbasin

WATER-QUALITY RECORDS

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

PERIOD OF RECORD--:

WATER-QUALITY FIELD/LAB SAMPLES: Water year 2005.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
 Part 1 of 6
 [Remark codes: <, less than.]

Date	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, filtrd, mg/L (00915)	Calcium water, unfltrd recover-able, mg/L (00916)	Magnes-ium, water, unfltrd recover-able, mg/L (00925)	Magnes-ium, water, unfltrd recover-able, mg/L (00927)	Potas-sium, water, unfltrd recover-able, mg/L (00935)	Potas-sium, water, unfltrd recover-able, mg/L (00937)	Sodium, water, unfltrd recover-able, mg/L (00930)	Sodium, water, unfltrd recover-able, mg/L (00929)	Alka-licity, wat flt fxd end lab, mg/L as CaCO3 (29801)
Oct 20...	8	8.6	132	7	32.2	31.6	1.28	1.27	1.3	1.29	4.24	4.23	--
Nov 02...	12.8	8	217	5.6	33.8	32.8	1.31	1.28	1.24	1.21	4.26	4.16	96.97
Apr 05...	--	7.2	143	1.7	21.9	22.2	.77	.86	.86	.88	3.16	3.22	55.65
Jun 22...	9.5	7.9	175	15.3	30.8	31.6	1.09	1.14	1.08	1.08	3.84	3.77	75.53
Aug 03...	8	8.5	203	21.2	39.5	38.6	1.31	1.29	1.47	1.46	6.19	6.2	--

01139826 WAITS RIVER AT VT 25, DOWNSTREAM OF WAITS RIVER, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
 Part 2 of 6
 [Remark codes: <, less than.]

Date						Nitrite + nitrate			Alum-inum, water, unfltrd recover-able, ug/L			Anti-mony, water, fltrd, ug/L		Arsenic water, fltrd, ug/L
	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Silica, water, unfltrd mg/L (00956)	Sulfate water, fltrd, mg/L (00945)	water, fltrd, mg/L as N (00631)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	Alum-inum, water, fltrd, ug/L (01106)	water, unfltrd recover-able, ug/L (01105)	Anti-mony, water, fltrd, ug/L (01095)	Anti-mony, water, unfltrd ug/L (01097)	Arsenic water, fltrd, ug/L (01000)	
Oct 20...	5.8	<.08	6.3	6.3	7.5	.4	<.01	<.01	6	14	<.3	<.3	<1	
Nov 02...	6	<.08	6.4	6.3	7.7	.6	<.01	<.01	5	9	<.3	<.3	<1	
Apr 05...	5.2	.1	4.4	4.8	6	1.2	<.01	<.01	12	238	<.3	<.3	<1	
Jun 22...	5.3	.08	6.1	6.5	6.3	.72	<.01	<.01	13	210	<.3	<.3	<1	
Aug 03...	8	.08	8	8.1	6.7	.7	<.01	<.01	16	25	<.3	<.3	<1	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 3 of 6

[Remark codes: <, less than.]

Date						Beryll-ium, water, unfltrd recover-able, ug/L					Chrom-ium, water, unfltrd recover-able, ug/L				
	Arsenic water unfltrd ug/L (01002)	Barium, water, fltrd, ug/L (01005)	Barium, water, unfltrd recover-able, ug/L (01007)	Beryll-ium, water, fltrd, ug/L (01010)	Beryll-ium, water, unfltrd recover-able, ug/L (01012)	Bismuth water, fltrd, ug/L (01015)	Bismuth water, unfltrd ug/L (01017)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd ug/L (01027)	Cesium water, fltrd, ug/L (01115)	Cesium water, unfltrd ug/L (01117)	Chrom-ium, water, fltrd, ug/L (01030)	Chrom-ium, water, unfltrd recover-able, ug/L (01034)		
Oct 20...	<1	10	9.9	<.05	<.05	<.2	<.2	<.02	<.02	.26	.26	<1	<1		
Nov 02...	<1	9.5	9.7	<.05	<.05	<.2	<.2	<.02	<.02	.24	.24	<1	<1		
Apr 05...	<1	6.2	7.7	<.05	<.05	<.2	<.2	<.02	<.02	.12	.2	<1	1.4		
Jun 22...	<1	9.5	10.8	<.05	<.05	<.2	<.2	<.02	<.02	.25	.31	1.2	1.7		
Aug 03...	<1	10.4	10.4	<.05	<.05	<.2	<.2	<.02	<.02	.35	.35	1	1		

01139826 WAITS RIVER AT VT 25, DOWNSTREAM OF WAITS RIVER, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 4 of 6

[Remark codes: <, less than.]

Date	Cobalt water, filtrd, ug/L (01035)	Cobalt water, unfltrd recover -able, ug/L (01037)	Copper, water, filtrd, ug/L (01040)	Copper, water, unfltrd recover -able, ug/L (01042)	Gallium water, filtrd, ug/L (01120)	Gallium water, unfltrd ug/L (01122)	Germanium, water, filtrd, ug/L (01125)	Germanium, water, unfltrd ug/L (01127)	Iron, water, filtrd, ug/L (01046)	Iron, water, unfltrd recover -able, ug/L (01045)	Lead, water, filtrd, ug/L (01049)	Lead, water, unfltrd recover -able, ug/L (01051)	Lithium water, filtrd, ug/L (01130)
Oct 20...	.03	.04	<.5	1.4	<.05	<.05	.08	<.05	<50	<50	<.05	<.05	1.7
Nov 02...	.04	.03	<.5	<.5	<.05	<.05	<.05	<.05	<50	<50	<.05	<.05	2.3
Apr 05...	<.02	.14	<.5	<.5	<.05	.06	<.05	<.05	<50	200	<.05	.4	1.4
Jun 22...	<.02	.1	<.5	.5	<.05	.06	<.05	<.05	<50	160	<.05	.3	2.1
Aug 03...	.03	.04	.5	1.1	<.05	<.05	<.05	<.05	<50	<50	<.05	.1	4.7

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 5 of 6

[Remark codes: <, less than.]

Date	Lithium water, unfltrd recover -able, ug/L (01132)	Manganese, water, unfltrd recover -able, ug/L (01056)	Manganese, water, unfltrd recover -able, ug/L (01055)	Molybdenum, water, unfltrd recover -able, ug/L (01060)	Molybdenum, water, unfltrd recover -able, ug/L (01062)	Nickel, water, filtrd, ug/L (01065)	Nickel, water, unfltrd recover -able, ug/L (01067)	Selenium, water, filtrd, ug/L (01145)	Selenium, water, unfltrd ug/L (01147)	Silver, water, filtrd, ug/L (01075)	Silver, water, unfltrd recover -able, ug/L (01077)	Strontium, water, unfltrd recover -able, ug/L (01080)	Strontium, water, unfltrd recover -able, ug/L (01082)
Oct 20...	1.9	4.8	6.7	<2	<2	<.4	.4	2	2.4	<3	<3	126	125
Nov 02...	1.9	3.3	4.4	<2	<2	<.4	<.4	1.6	1.2	<3	<3	127	125
Apr 05...	2.1	4.5	39.3	<2	<2	<.4	.6	<1	<1	<3	<3	76.9	78
Jun 22...	2.6	4.5	41.8	<2	<2	<.4	.4	<1	<1	<3	<3	118	117
Aug 03...	4.3	4	8.8	<2	<2	.8	1.1	<1	<1	<3	<3	135	133

01139826 WAITS RIVER AT VT 25, DOWNSTREAM OF WAITS RIVER, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
 Part 6 of 6
 [Remark codes: <, less than.]

Date	Thall- ium, water, filtrd, ug/L (01057)	Thall- ium, water, unfiltrd (01059)	Titan- ium, water, filtrd, ug/L (01150)	Titan- ium, water, unfiltrd (01152)	Vanad- ium, water, filtrd, ug/L (01085)	Vanad- ium, water, unfiltrd (01087)	Ytterb- ium, water, filtrd, ug/L (01194)	Ytterb- ium, water, unfiltrd (01196)	Zinc, water, filtrd, ug/L (01090)	Zinc, water, unfiltrd recover- able, ug/L (01092)	Sus- pended sediment concen- tration mg/L (80154)
Oct											
20...	<.1	<.1	<.5	<.5	<.5	.5	<.005	<.005	<.5	.7	--
Nov											
02...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	<.005	<.5	<.5	0
Apr											
05...	<.1	<.1	<.5	7.7	<.5	.7	<.005	.03	.5	1.7	15
Jun											
22...	<.1	<.1	<.5	6.3	<.5	.8	<.005	.02	.6	1.9	10
Aug											
03...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	<.005	3	6.1	--



Water-Data Report 2006

01139841 WAITS RIVER AT VILLAGE ROAD, NEAR BRADFORD, VT

Upper Connecticut Basin
Waits Subbasin

LOCATION.--Lat 44°03'19", long 72°13'18" referenced to North American Datum of 1927, Orange County, Hydrologic Unit 01080103, upstream from bridge on Village Road, 200 ft upstream from Tabor Branch, 300 ft north from Village Road and VT 25 intersection in East Corinth, 0.8 mi downstream from Pike Hill Brook, and 6.3 mi northwest of US 5 and South Main Street (VT 25B) in Bradford.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous Discharge Measurements: Water year 2005.

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Date	Discharge, in ft ³ /s
Nov 2, 2004	30.7
Apr 5, 2005	271
Jun 21, 2005	111

Water-Data Report 2006

01139841 WAITS RIVER AT VILLAGE ROAD, NEAR BRADFORD, VT

 Upper Connecticut Basin
 Waits Subbasin

WATER-QUALITY RECORDS

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

PERIOD OF RECORD.--Water-quality Field/Lab Samples: Water year 2005.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

 Part 1 of 6
 [Remark codes: <, less than.]

Date	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC (00095)	Temper- ature, water, deg C (00010)	Calcium water, filtrd, mg/L (00915)	Calcium water, recover -able, mg/L (00916)	Magnes- ium, water, unfltrd recover -able, mg/L (00925)	Magnes- ium, water, unfltrd recover -able, mg/L (00927)	Potas- sium, water, unfltrd recover -able, mg/L (00935)	Potas- sium, water, unfltrd recover -able, mg/L (00937)	Sodium, water, unfltrd recover -able, mg/L (00930)	Sodium, water, unfltrd recover -able, mg/L (00929)	Alka- linity, wat flt fxd end lab, mg/L as CaCO3 (29801)
Nov 02...	12.1	8.2	223	6.5	36.2	33.5	1.54	1.42	1.46	1.34	5.06	4.66	97.35
Apr 05...	--	7.7	145	1.8	22.3	22.6	.87	.96	.96	.97	3.32	3.32	36.49
Jun 22...	9.4	7.9	182	15.9	31.4	31.6	1.2	1.26	1.15	1.17	4.36	4.34	77.31
Aug 03...	8	8.5	221	23	37.9	38.7	1.58	1.6	1.6	1.61	7.41	7.24	--

01139841 WAITS RIVER AT VILLAGE ROAD, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 2 of 6
 [Remark codes: <, less than.]

Date	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Silica, water, unfltrd, mg/L (00956)	Sulfate water, fltrd, mg/L (00945)	Nitrite + nitrate water fltrd, mg/L as N (00631)			Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd, mg/L (00665)	Alum-inum, water, fltrd, ug/L (01106)	Alum-inum, water, unfltrd recover- able, ug/L (01105)	Anti-mony, water, fltrd, ug/L (01095)	Anti-mony, water, unfltrd, ug/L (01097)	Arsenic water, fltrd, ug/L (01000)
Nov 02...	7.7	<.08	6.2	6.1	8.5	.7	<.01	<.01	6	9	<.3	<.3	<1		
Apr 05...	5.5	.1	4.4	4.8	18.1	1.1	<.01	<.01	11	234	<.3	<.3	<1		
Jun 22...	6.5	.08	5.8	6.3	6.9	.7	<.01	<.01	12	197	<.3	<.3	<1		
Aug 03...	9.5	.08	8.2	8.3	7	.62	<.01	<.01	17	22	<.3	<.3	<1		

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 3 of 6
 [Remark codes: <, less than.]

Date	Arsenic water unfltrd ug/L (01002)	Barium, water, unfltrd fltrd, ug/L (01005)	Barium, water, recover- able, ug/L (01007)	Beryll- ium, water, fltrd, ug/L (01010)	Beryll- ium, water, unfltrd recover- able, ug/L (01012)	Beryll- ium, water, unfltrd recover- able, ug/L (01015)						Bismuth water, fltrd, ug/L (01017)	Bismuth water, unfltrd fltrd, ug/L (01025)	Cadmium water, unfltrd fltrd, ug/L (01027)	Cadmium water, unfltrd fltrd, ug/L (01115)	Cesium, water, unfltrd fltrd, ug/L (01117)	Cesium, water, unfltrd recover- able, ug/L (01030)	Chrom- ium, water, unfltrd recover- able, ug/L (01034)
Nov 02...	<1	11.5	10.7	<.05	<.05	<.2	<.2	<.02	<.02	.24	.22	<1	<1					
Apr 05...	<1	6.8	8.4	<.05	<.05	<.2	<.2	.02	.04	.11	.17	<1	1					
Jun 22...	<1	9.8	10.6	<.05	<.05	<.2	<.2	<.02	<.02	.22	.26	<1	1.6					
Aug 03...	<1	12	11.8	<.05	<.05	<.2	<.2	<.02	<.02	.32	.31	<1	1					

01139841 WAITS RIVER AT VILLAGE ROAD, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 4 of 6

[Remark codes: <, less than.]

Date	Cobalt water, filtrd, ug/L (01035)	Cobalt water, unfltrd recover -able, ug/L (01037)	Copper, water, filtrd, ug/L (01040)	Copper, water, unfltrd recover -able, ug/L (01042)	Gallium water, filtrd, ug/L (01120)	Gallium water, unfltrd ug/L (01122)	Germanium, water, filtrd, ug/L (01125)	Germanium, water, unfltrd ug/L (01127)	Iron, water, filtrd, ug/L (01046)	Iron, water, unfltrd recover -able, ug/L (01045)	Lead, water, filtrd, ug/L (01049)	Lead, water, unfltrd recover -able, ug/L (01051)	Lithium water, filtrd, ug/L (01130)
Nov 02...	.04	.04	.6	.6	<.05	<.05	<.05	<.05	<50	<50	<.05	<.05	1.5
Apr 05...	.4	.63	1.7	4.3	<.05	.06	<.05	<.05	<50	210	<.05	.4	1.1
Jun 22...	.02	.13	1.3	1.4	<.05	.05	<.05	<.05	240	150	<.05	.2	1.7
Aug 03...	.03	.06	1	.7	<.05	<.05	<.05	<.05	<50	<50	<.05	<.05	3.9

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 5 of 6

[Remark codes: <, less than.]

Date	Lithium water, unfltrd recover -able, ug/L (01132)	Manganese, water, unfltrd recover -able, ug/L (01056)	Manganese, water, unfltrd recover -able, ug/L (01055)	Molybdenum, water, unfltrd recover -able, ug/L (01060)	Molybdenum, water, unfltrd recover -able, ug/L (01062)	Nickel, water, filtrd, ug/L (01065)	Nickel, water, unfltrd recover -able, ug/L (01067)	Selenium, water, filtrd, ug/L (01145)	Selenium, water, unfltrd ug/L (01147)	Silver, water, filtrd, ug/L (01075)	Silver, water, unfltrd recover -able, ug/L (01077)	Strontium, water, filtrd, ug/L (01080)	Strontium, water, unfltrd recover -able, ug/L (01082)
Nov 02...	2	3.7	4.9	<2	<2	<.4	<.4	1	<1	<3	<3	139	130
Apr 05...	1.7	10.7	45.5	<2	<2	<.4	.6	<1	<1	<3	<3	78.4	79.2
Jun 22...	2.1	8.5	32.5	<2	<2	.7	.4	<1	<1	<3	<3	120	118
Aug 03...	4.3	7.1	11	<2	<2	.9	.9	<1	<1	<3	<3	138	136

01139841 WAITS RIVER AT VILLAGE ROAD, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 6 of 6
 [Remark codes: <, less than.]

Date	Thall- ium, water, filtrd, ug/L (01057)	Thall- ium, water, unfiltrd ug/L (01059)	Titan- ium, water, filtrd, ug/L (01150)	Titan- ium, water, unfiltrd ug/L (01152)	Vanad- ium, water, filtrd, ug/L (01085)	Vanad- ium, water, unfiltrd ug/L (01087)	Ytterb- ium, water, filtrd, ug/L (01194)	Ytterb- ium, water, unfiltrd ug/L (01196)	Zinc, water, filtrd, ug/L (01090)	Zinc, water, unfiltrd recover- able, ug/L (01092)	Sus- pended sediment concen- tration mg/L (80154)
Nov											
02...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	<.005	2.6	1	1
Apr											
05...	<.1	<.1	<.5	7.8	<.5	.6	<.005	.02	3.6	5.6	15
Jun											
22...	<.1	<.1	<.5	6.2	<.5	.7	<.005	.02	3.3	3.3	27
Aug											
03...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	<.005	1	2.6	--



Water-Data Report 2006

01139940 COOKVILLE BROOK TRIBUTARY AT TRAIL, NEAR BRADFORD, VT

Upper Connecticut Basin
Waits Subbasin

LOCATION.--Lat 44°02'43", long 72°17'56" referenced to North American Datum of 1927, Orange County, Hydrologic Unit 01080103, at trail crossing, 250 ft southwest of trail and Copper Mine Road intersection, 0.8 mi upstream from mouth, 1.6 mi north of Cookville Road, Center Road, and Hurricane Road intersection in Cookville, 1.9 mi east of Grist Mill Road and Cookville Road intersection in West Corinth, and 9.2 mi northwest of US 5 and South Main Street (VT 25B) intersection in Bradford.

DRAINAGE AREA.--0.41 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous Discharge Measurements: Water Year 2005.

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Date	Discharge, in ft ³ /s
Nov 1, 2004	0.19
Jun 21, 2005	0.63

Water-Data Report 2006

01139940 COOKVILLE BROOK TRIBUTARY AT TRAIL, NEAR BRADFORD, VT

 Upper Connecticut Basin
 Waits Subbasin

WATER-QUALITY RECORDS

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

PERIOD OF RECORD.--Water-quality Field/Lab Samples: Water year 2005.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

 Part 1 of 6
 [Remark codes: <, less than.]

Date	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC (00095)	Temper- ature, water, deg C (00010)	Calcium water, filtrd, mg/L (00915)	Calcium water, recover -able, mg/L (00916)	Magnes- ium, water, filtrd, mg/L (00925)	Magnes- ium, water, recover -able, mg/L (00927)	Potas- sium, water, unfltrd filtrd, mg/L (00935)	Potas- sium, water, recover -able, mg/L (00937)	Sodium, water, unfltrd filtrd, mg/L (00930)	Sodium, water, unfltrd recover -able, mg/L (00929)	Alka- linity, wat flt fxd end lab, mg/L as CaCO3 (29801)
Oct 19...	8	8	170	7.6	43.5	43.6	1.93	1.97	1.96	1.95	.74	.73	--
Nov 01...	--	7.9	251	6.5	45.1	47	2	2.08	1.99	2.04	.72	.74	121.98
Jun 21...	--	7.9	214	18.6	41.6	42	1.74	1.76	1.79	1.81	.74	.73	99.19
Aug 02...	7	7.9	214	14.9	53.8	52.8	2.03	2.08	2.03	2.05	.86	.86	--

01139940 COOKVILLE BROOK TRIBUTARY AT TRAIL, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 2 of 6
 [Remark codes: <, less than.]

Date	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Silica, water, unfltrd, mg/L (00956)	Sulfate water, fltrd, mg/L (00945)	Nitrite + nitrate water fltrd, mg/L as N (00631)			Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd, mg/L (00665)	Alum-inum, water, fltrd, ug/L (01106)	Alum-inum, water, unfltrd recover- able, ug/L (01105)	Anti-mony, water, fltrd, ug/L (01095)	Anti-mony, water, unfltrd, ug/L (01097)	Arsenic water, fltrd, ug/L (01000)
Oct 19...	1.8	<.08	6.3	6.3	14.3	.2	<.01	<.01	19	22	<.3	<.3	<1		
Nov 01...	2.8	<.08	6.6	6.7	14.7	<.08	<.01	<.01	15	20	<.3	<.3	<1		
Jun 21...	2.6	<.08	6	6	15	.44	<.01	<.01	64	97	<.3	<.3	<1		
Aug 02...	1.5	.08	7.3	7.6	11.6	.3	<.01	<.01	30	32	<.3	<.3	<1		

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 3 of 6
 [Remark codes: <, less than.]

Date	Arsenic water unfltrd ug/L (01002)	Barium, water, unfltrd fltrd, -able, ug/L (01005)	Barium, water, recover -able, ug/L (01007)	Beryll- ium, water, fltrd, ug/L (01010)	Beryll- ium, water, unfltrd recover -able, ug/L (01012)	Beryll- ium, water, unfltrd recover -able, ug/L (01015)						Bismuth water, fltrd, ug/L (01017)	Bismuth water, unfltrd fltrd, ug/L (01025)	Cadmium water, unfltrd fltrd, ug/L (01027)	Cadmium water, unfltrd fltrd, ug/L (01115)	Cesium, water, unfltrd fltrd, ug/L (01117)	Cesium, water, unfltrd fltrd, ug/L (01030)	Chrom- ium, water, unfltrd recover -able, ug/L (01034)
Oct 19...	<1	18.9	19.1	<.05	<.05	<.2	<.2	.11	.11	.26	.25	<1	<1					
Nov 01...	<1	19.4	19.1	<.05	<.05	<.2	<.2	.11	.11	.25	.26	<1	<1					
Jun 21...	<1	18.1	17.9	<.05	<.05	<.2	<.2	.18	.18	.25	.25	<1	<1					
Aug 02...	<1	21.2	21.5	<.05	<.05	<.2	<.2	.1	.1	.3	.3	1	<1					

01139940 COOKVILLE BROOK TRIBUTARY AT TRAIL, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 4 of 6

[Remark codes: <, less than.]

Date	Cobalt water, filtrd, ug/L (01035)	Cobalt water, unfltrd recover -able, ug/L (01037)	Copper, water, filtrd, ug/L (01040)	Copper, water, unfltrd recover -able, ug/L (01042)	Gallium water, filtrd, ug/L (01120)	Gallium water, unfltrd ug/L (01122)	Germanium, water, filtrd, ug/L (01125)	Germanium, water, unfltrd ug/L (01127)	Iron, water, filtrd, ug/L (01046)	Iron, water, unfltrd recover -able, ug/L (01045)	Lead, water, filtrd, ug/L (01049)	Lead, water, unfltrd recover -able, ug/L (01051)	Lithium water, filtrd, ug/L (01130)
Oct 19...	.21	.2	5.2	5.6	<.05	<.05	<.05	<.05	<50	<50	<.05	<.05	<.1
Nov 01...	.12	.13	4	5	<.05	<.05	<.05	<.05	<50	<50	<.05	<.05	.2
Jun 21...	.73	.78	11.2	16	<.05	<.05	<.05	<.05	<50	<50	.05	<.05	.5
Aug 02...	.12	.13	3.6	4.1	<.05	<.05	<.05	<.05	<50	<50	<.05	<.05	.7

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 5 of 6

[Remark codes: <, less than.]

Date	Lithium water, unfltrd recover -able, ug/L (01132)	Manganese, water, unfltrd recover -able, ug/L (01056)	Manganese, water, unfltrd recover -able, ug/L (01055)	Molybdenum, water, unfltrd recover -able, ug/L (01060)	Molybdenum, water, unfltrd recover -able, ug/L (01062)	Nickel, water, filtrd, ug/L (01065)	Nickel, water, unfltrd recover -able, ug/L (01067)	Selenium, water, filtrd, ug/L (01145)	Selenium, water, unfltrd ug/L (01147)	Silver, water, filtrd, ug/L (01075)	Silver, water, unfltrd recover -able, ug/L (01077)	Strontium, water, filtrd, ug/L (01080)	Strontium, water, unfltrd recover -able, ug/L (01082)
Oct 19...	<.1	12.5	13	<2	<2	.8	.8	2.2	<1	<3	<3	159	160
Nov 01...	.4	9.1	10	<2	<2	.8	.8	<1	<1	<3	<3	164	168
Jun 21...	.2	18.8	20.2	<2	<2	.7	.8	<1	<1	<3	<3	149	149
Aug 02...	1.8	20.6	21.2	<2	<2	1.4	1.2	<1	<1	<3	<3	172	173

01139940 COOKVILLE BROOK TRIBUTARY AT TRAIL, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 6 of 6
 [Remark codes: <, less than.]

Date	Thallium, water, filtrd, ug/L (01057)	Thallium, water, unfiltrd ug/L (01059)	Titanium, water, filtrd, ug/L (01150)	Titanium, water, unfiltrd ug/L (01152)	Vanadium, water, filtrd, ug/L (01085)	Vanadium, water, unfiltrd ug/L (01087)	Ytterbium, water, filtrd, ug/L (01194)	Ytterbium, water, unfiltrd ug/L (01196)	Zinc, water, filtrd, ug/L (01090)	Zinc, water, unfiltrd recover- able, ug/L (01092)	Sus- pended sediment concen- tration mg/L (80154)
Oct 19...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	<.005	16	15.9	--
Nov 01...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	<.005	15.3	15.4	0
Jun 21...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	.01	24.8	27.2	<1
Aug 02...	<.1	<.1	<.5	<.5	<.5	<.5	<.005	<.005	13.2	13.3	--



Water-Data Report 2006

011398302 PIKE HILL BROOK TRIBUTARY AT RICHARDSON ROAD, NEAR BRADFORD, VT

Upper Connecticut Basin
Waits Subbasin

LOCATION.--Lat 44°03'53", long 72°18'06" referenced to North American Datum of 1927, Orange County, Hydrologic Unit 01080103, at culvert on Richardson Road, 200 ft upstream from mouth, 2.0 mi southwest of Pike Hill Road and VT 25 intersection at Waits River, 3.4 mi west of Brook Road and VT 25 intersection, and 9.9 mi northwest of US 5 and South Main Street (VT 25B) intersection in Bradford.

DRAINAGE AREA.--0.06 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--

MISCELLANEOUS DISCHARGE MEASUREMENT: Water year 2005.

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Date	Discharge, in ft ³ /s
Nov 1, 2004	0.009
Apr 4, 2005	0.410
Jun 21, 2005	0.033

Water-Data Report 2006

011398302 PIKE HILL BROOK TRIBUTARY AT RICHARDSON ROAD, NEAR BRADFORD, VT

 Upper Connecticut Basin
 Waits Subbasin

WATER-QUALITY RECORDS

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

PERIOD OF RECORD.--WATER-QUALITY FIELD/LAB SAMPLES:Water year 2005.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

 Part 1 of 6
 [Remark codes: <, less than.]

Date	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf 25 degC (00095)	Temper- ature, water, deg C (00010)	Calcium water, filtrd, mg/L (00915)	Calcium water, recover -able, mg/L (00916)	Magnes- ium, water, unfltrd recover -able, mg/L (00925)	Magnes- ium, water, unfltrd recover -able, mg/L (00927)	Potas- sium, water, unfltrd recover -able, mg/L (00935)	Potas- sium, water, unfltrd recover -able, mg/L (00937)	Sodium, water, unfltrd recover -able, mg/L (00930)	Sodium, water, unfltrd recover -able, mg/L (00929)	Alka- linity, wat flt fxd end lab, mg/L as CaCO3 (29801)
Oct 20...	10	8.4	139	8.6	37.9	37	1.33	1.32	1.79	1.77	1.16	1.15	--
Nov 01...	--	7.5	208	6.5	35.5	36.9	1.26	1.33	1.67	1.71	1.08	1.11	102.26
Apr 04...	--	7.5	133	1.7	21.9	22.7	.78	1.07	1.34	1.41	.79	.82	57.80
Jun 21...	--	7.7	177	18.8	33.1	34.2	1.08	1.16	1.65	1.77	1.05	1.1	85.44
Aug 02...	5	6.8	183	15.8	40.9	42.8	1.39	1.79	2.34	2.9	2.71	2.73	--

011398302 PIKE HILL BROOK TRIBUTARY AT RICHARDSON ROAD, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
 Part 2 of 6
 [Remark codes: <, less than.]

Date	Chlor-ide, water, filtrd, mg/L (00940)	Fluor-ide, water, filtrd, mg/L (00950)	Silica, water, filtrd, mg/L (00955)	Silica, water, unfiltrd, mg/L (00956)	Sulfate water, filtrd, mg/L (00945)	Nitrite + nitrate water filtrd, mg/L as N (00631)			Phos-phorus, water, filtrd, mg/L (00666)	Phos-phorus, water, unfiltrd, mg/L (00665)	Alum-inum, water, filtrd, ug/L (01106)	Alum-inum, water, unfiltrd, recover-able, ug/L (01105)	Anti-mony, water, filtrd, ug/L (01095)	Anti-mony, water, unfiltrd, ug/L (01097)	Arsenic water, filtrd, ug/L (01000)
Oct 20...	1.8	<.08	6.3	6.2	8.5	.2	<.01	<.01	41	4	<.3	<.3	<1		
Nov 01...	1.8	<.08	5.8	6.2	9	.2	<.01	<.01	4	110	<.3	<.3	<1		
Apr 04...	1.9	<.08	3.9	5	7.7	.5	<.01	<.01	2	530	<.3	<.3	<1		
Jun 21...	1.4	<.08	5.6	5.9	7.6	.2	<.01	<.01	2	67	<.3	<.3	<1		
Aug 02...	1.7	<.08	7.3	9.7	8.3	.2	<.01	.01	3	972	<.3	<.3	<1		

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
 Part 3 of 6
 [Remark codes: <, less than.]

Date	Arsenic water unfiltrd ug/L (01002)	Barium, water, filtrd, ug/L (01005)	Barium, water, unfiltrd recover-able, ug/L (01007)	Beryll-ium, water, filtrd, ug/L (01010)	Beryll-ium, water, unfiltrd recover-able, ug/L (01012)	Beryll-ium, water, recover-able, ug/L (01015)			Bismuth water, filtrd, ug/L (01017)	Bismuth water, unfiltrd, ug/L (01017)	Cadmium water, filtrd, ug/L (01025)	Cadmium water, unfiltrd, ug/L (01027)	Cesium, water, unfiltrd, ug/L (01115)	Cesium, water, filtrd, ug/L (01117)	Chrom-ium, water, unfiltrd recover-able, ug/L (01030)	Chrom-ium, water, filtrd, ug/L (01034)
Oct 20...	<1	20.8	20.7	<.05	<.05	<.2	<.2	<.02	<.02	.15	.16	<1	<1			
Nov 01...	<1	20	21.6	<.05	<.05	<.2	<.2	<.02	<.02	.14	.17	<1	<1			
Apr 04...	<1	12.4	17.3	<.05	<.05	<.2	<.2	<.02	.04	.06	.12	<1	1.1			
Jun 21...	<1	19.7	20.9	<.05	<.05	<.2	<.2	<.02	<.02	.16	.18	1	1.2			
Aug 02...	<1	25.5	31.9	<.05	.06	<.2	<.2	<.02	.13	.16	.34	<1	2.7			

011398302 PIKE HILL BROOK TRIBUTARY AT RICHARDSON ROAD, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 4 of 6

[Remark codes: <, less than.]

Date	Cobalt water, filtrd, ug/L (01035)	Cobalt water, unfltrd recover -able, ug/L (01037)	Copper, water, filtrd, ug/L (01040)	Copper, water, unfltrd recover -able, ug/L (01042)	Gallium water, filtrd, ug/L (01120)	Gallium water, unfltrd ug/L (01122)	Germanium, water, filtrd, ug/L (01125)	Germanium, water, unfltrd ug/L (01127)	Iron, water, filtrd, ug/L (01046)	Iron, water, unfltrd recover -able, ug/L (01045)	Lead, water, filtrd, ug/L (01049)	Lead, water, unfltrd recover -able, ug/L (01051)	Lithium water, filtrd, ug/L (01130)
Oct 20...	.07	.03	1	.6	<.05	<.05	<.05	<.05	<50	<50	.06	<.05	<.1
Nov 01...	.04	.12	.5	1.5	<.05	<.05	<.05	<.05	<50	80	<.05	.2	<.1
Apr 04...	<.02	.48	.8	5.1	<.05	.1	<.05	<.05	<50	380	<.05	.52	<.1
Jun 21...	<.02	.04	.6	1.2	<.05	<.05	<.05	<.05	<50	<50	<.05	.1	.2
Aug 02...	.03	1.04	1.5	17.7	<.05	.26	<.05	<.05	<50	850	<.05	1.5	<.1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 5 of 6

[Remark codes: <, less than.]

Date	Lithium water, unfltrd recover -able, ug/L (01132)	Manganese, water, unfltrd recover -able, ug/L (01056)	Manganese, water, unfltrd recover -able, ug/L (01055)	Molybdenum, water, unfltrd recover -able, ug/L (01060)	Molybdenum, water, unfltrd recover -able, ug/L (01062)	Nickel, water, filtrd, ug/L (01065)	Nickel, water, unfltrd recover -able, ug/L (01067)	Selenium, water, filtrd, ug/L (01145)	Selenium, water, unfltrd ug/L (01147)	Silver, water, filtrd, ug/L (01075)	Silver, water, unfltrd recover -able, ug/L (01077)	Strontium, water, unfltrd recover -able, ug/L (01080)	Strontium, water, unfltrd recover -able, ug/L (01082)
Oct 20...	.2	21.6	11.4	<2	<2	.4	<.4	<1	<1	<3	<3	120	120
Nov 01...	.1	20.3	46.6	<2	<2	.4	.5	1.2	1.8	<3	<3	117	122
Apr 04...	<.1	4.5	84.3	<2	<2	<.4	.8	<1	<1	<3	<3	66.3	69.2
Jun 21...	.2	8.2	23.2	<2	<2	<.4	<.4	<1	<1	<3	<3	110	116
Aug 02...	2.2	3.1	221	<2	<2	.9	2.4	<1	<1	<3	<3	125	128

011398302 PIKE HILL BROOK TRIBUTARY AT RICHARDSON ROAD, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 6 of 6

[Remark codes: <, less than.]

Date	Thall- ium, water, fltrd, ug/L (01057)	Thall- ium, water, unfltrd ug/L (01059)	Titan- ium, water, fltrd, ug/L (01150)	Titan- ium, water, unfltrd ug/L (01152)	Vanad- ium, water, fltrd, ug/L (01085)	Vanad- ium, water, unfltrd ug/L (01087)	Ytterb- ium, water, fltrd, ug/L (01194)	Ytterb- ium, water, unfltrd ug/L (01196)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd recover- able, ug/L (01092)	Sus- pended sediment concen- tration mg/L (80154)
Oct											
20...	<.1	<.1	1.6	<.5	<.5	<.5	<.005	<.005	<.5	.6	--
Nov											
01...	<.1	<.1	<.5	3.6	<.5	<.5	<.005	.01	<.5	1	3
Apr											
04...	<.1	<.1	<.5	24	<.5	1	<.005	.03	1.8	5	29
Jun											
21...	<.1	<.1	<.5	2.3	<.5	.5	<.005	.01	.9	1.3	2
Aug											
02...	<.1	<.1	<.5	39	<.5	2.2	<.005	.07	1.8	16.7	--

Water-Data Report 2006

011398378 PIKE HILL BROOK TRIBUTARY 2 ABOVE BROOK RD, NEAR BRADFORD, VT

 Upper Connecticut Basin
 Waits Subbasin

LOCATION.--Lat 44°02'54", long 72°15'20" referenced to North American Datum of 1927, Orange County, Hydrologic Unit 01080103, 0.2 mi upstream from culvert on Brook road, 0.5 mi upstream from mouth, 0.5 mi southwest of Pike Hill Road and Brook Road intersection, 1.4 mi southwest of Brook Road and VT 25 intersection, and 7.4 mi northwest of US 5 and South Main Street (VT 25B) intersection in Bradford.

 DRAINAGE AREA.--0.26 mi².

WATER-QUALITY RECORDS

COOPERATION.--Funding by U.S. Environmental Protection Agency, Region I, U.S. Army Corps of Engineers, New England District, and in cooperation with the Vermont Department of Environmental Conservation.

PERIOD OF RECORD.--Water-quality Field/Lab Sample: Water Year 2005.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 12

[Remark codes: <, less than.]

Date	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, filtrd, mg/L (00915)	Cal-cium water, recover-able, mg/L (00916)	Magnes-ium, water, filtrd, mg/L (00925)	Magnes-ium, water, filtrd, mg/L (00927)	Potas-sium, water, filtrd, mg/L (00935)	Potas-sium, water, filtrd, mg/L (00937)	Sodium, water, unfltrd water, mg/L (00930)	Sodium, water, unfltrd water, mg/L (00929)	Chlor-ide, water, mg/L (00940)
Aug 03...	8	8.2	337	16	57.9	58.1	2.44	2.44	3.46	3.5	18.8	18.8	32.4

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 2 of 12

[Remark codes: <, less than.]

Date	Fluor-ide, water, filtrd, mg/L (00950)	Silica, water, filtrd, mg/L (00955)	Silica, water, unfltrd mg/L (00956)	Sulfate water, filtrd, mg/L (00945)	Nitrite + nitrate, mg/L as N (00631)	Phos-phorus, water, filtrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	Alum-inum, water, filtrd, ug/L (01106)	Alum-inum, water, recover-able, ug/L (01105)	Anti-mony, water, filtrd, ug/L (01095)	Anti-mony, water, unfltrd ug/L (01097)	Arsenic, water, filtrd, ug/L (01000)	Arsenic, water, unfltrd ug/L (01002)
Aug 03...	<.08	10.1	10.6	11	4.8	<.01	<.01	7	15	<.3	<.3	<1	<1

011398378 PIKE HILL BROOK TRIBUTARY 2 ABOVE BROOK RD, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 3 of 12

[Remark codes: <, less than.]

Date	Barium, water, unfltrd (ug/L) (01005)	Barium, water, recover -able, fltrd, (ug/L) (01007)	Beryll- ium, water, unfltrd (ug/L) (01010)	Beryll- ium, water, recover -able, fltrd, (ug/L) (01012)	Bismuth water, unfltrd (ug/L) (01015)	Bismuth water, unfltrd (ug/L) (01017)	Cadmium water, unfltrd (ug/L) (01025)	Cadmium water, unfltrd (ug/L) (01027)	Cesium, water, unfltrd (ug/L) (01115)	Cesium, water, unfltrd (ug/L) (01117)	Chrom- ium, water, unfltrd (ug/L) (01030)	Chrom- ium, water, recover -able, fltrd, (ug/L) (01034)	Cobalt water, fltrd, (ug/L) (01035)
Aug 03...	32.1	32.2	<.05	<.05	<.2	<.2	<.02	<.02	<.02	<.02	<1	<1	.03

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 4 of 12

[Remark codes: <, less than.]

Date	Cobalt water, unfltrd recover -able, fltrd, ug/L (01037)	Copper, water, unfltrd recover -able, fltrd, ug/L (01040)	Copper, water, unfltrd recover -able, fltrd, ug/L (01042)	Gallium water, unfltrd fltrd, ug/L (01120)	Gallium water, unfltrd fltrd, ug/L (01122)	German- ium, water, unfltrd fltrd, ug/L (01125)	German- ium, water, unfltrd fltrd, ug/L (01127)	Iron, water, unfltrd recover -able, fltrd, ug/L (01046)	Iron, water, unfltrd recover -able, fltrd, ug/L (01045)	Lead, water, unfltrd recover -able, fltrd, ug/L (01049)	Lead, water, unfltrd recover -able, fltrd, ug/L (01051)	Lithium water unfltrd recover -able, fltrd, ug/L (01130)	Lithium water unfltrd recover -able, fltrd, ug/L (01132)
Aug 03...	.03	<.5	<.5	<.05	<.05	<.05	<.05	<50	<50	<.05	<.05	2.6	2.6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 5 of 12

[Remark codes: <, less than.]

Date	Mangan- ese, water, unfltrd recover -able, fltrd, ug/L (01056)	Mangan- ese, water, unfltrd recover -able, fltrd, ug/L (01055)	Molyb- denum, water, unfltrd recover -able, fltrd, ug/L (01060)	Molyb- denum, water, unfltrd recover -able, fltrd, ug/L (01062)	Nickel, water, unfltrd recover -able, fltrd, ug/L (01065)	Nickel, water, unfltrd recover -able, fltrd, ug/L (01067)	Selen- ium, water, unfltrd recover -able, fltrd, ug/L (01145)	Selen- ium, water, unfltrd recover -able, fltrd, ug/L (01147)	Silver, water, unfltrd recover -able, fltrd, ug/L (01075)	Silver, water, unfltrd recover -able, fltrd, ug/L (01077)	Stront- ium, water, unfltrd recover -able, fltrd, ug/L (01080)	Stront- ium, water, unfltrd recover -able, fltrd, ug/L (01082)	Thall- ium, water, unfltrd recover -able, fltrd, ug/L (01057)
Aug 03...	16	33.1	<2	<2	1.3	1.4	<1	<1	<3	<3	307	306	<.1

011398378 PIKE HILL BROOK TRIBUTARY 2 ABOVE BROOK RD, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 6 of 12
 [Remark codes: <, less than.]

Date	Thall- ium, water, unfltrd ug/L (01059)	Titan- ium, water, fltrd, ug/L (01150)	Titan- ium, water, unfltrd ug/L (01152)	Vanad- ium, water, fltrd, ug/L (01085)	Vanad- ium, water, unfltrd ug/L (01087)	Ytterb- ium, water, fltrd, ug/L (01194)	Ytterb- ium, water, unfltrd ug/L (01196)	Zinc, water, unfltrd ug/L (01090)	Zinc, water, recover- able, ug/L (01092)
Aug 03...	<.1	.5	.6	<.5	<.5	<.005	<.005	1.9	2.7

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 7 of 12
 [Remark codes: <, less than.]

Date	pH, water, unfltrd std mg/L (00300)	Specif. conduc- tance, wat unf 25 degC (00400)	Temper- ature, water, deg C (00095)	Calcium water, fltrd, mg/L (00010)	Calcium recover- able, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00916)	Magnes- ium, water, recover- able, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Potas- sium, water, recover- able, mg/L (00937)	Sodium, water, unfltrd mg/L (00930)	Sodium, water, recover- able, mg/L (00929)	Chlor- ide, water, fltrd, mg/L (00940)	
Aug 22...	8	8	255	14.9	42.6	42.8	2.06	2.05	2.88	2.87	14.6	14.5	20

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 8 of 12
 [Remark codes: <, less than.]

Date	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Silica, water, unfltrd mg/L (00956)	Sulfate water, fltrd, mg/L (00945)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Alum- inum, water, fltrd, ug/L (01106)	Alum- inum, water, recover- able, ug/L (01105)	Anti- mony, water, fltrd, ug/L (01095)	Anti- mony, water, unfltrd ug/L (01097)	Arsenic water, fltrd, ug/L (01000)	Arsenic water, unfltrd ug/L (01002)
Aug 22...	<.08	8.6	8.5	8.5	2.8	<.01	<.01	7	41	<.3	<.3	<1	<1

011398378 PIKE HILL BROOK TRIBUTARY 2 ABOVE BROOK RD, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 9 of 12
 [Remark codes: <, less than.]

Date	Barium, water, unfltrd (ug/L) (01005)	Barium, water, recover -able, fltrd, (ug/L) (01007)	Beryll- ium, water, unfltrd (ug/L) (01010)	Beryll- ium, water, recover -able, fltrd, (ug/L) (01012)	Bismuth water, unfltrd (ug/L) (01015)	Bismuth water, unfltrd (ug/L) (01017)	Cadmium water, unfltrd (ug/L) (01025)	Cadmium water, unfltrd (ug/L) (01027)	Cesium, water, unfltrd (ug/L) (01115)	Cesium, water, unfltrd (ug/L) (01117)	Chrom- ium, water, unfltrd (ug/L) (01030)	Chrom- ium, water, recover -able, fltrd, (ug/L) (01034)	Cobalt water, fltrd, (ug/L) (01035)
Aug 22...	27.4	27.8	<.05	<.05	<.2	<.2	<.02	<.02	<.02	.02	<1	<1	<.02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 10 of 12
 [Remark codes: <, less than.]

Date	Cobalt water, unfltrd recover -able, fltrd, ug/L (01037)	Copper, water, unfltrd recover -able, fltrd, ug/L (01040)	Copper, water, unfltrd recover -able, fltrd, ug/L (01042)	Gallium water, unfltrd fltrd, ug/L (01120)	Gallium water, unfltrd fltrd, ug/L (01122)	German- ium, water, unfltrd fltrd, ug/L (01125)	German- ium, water, unfltrd fltrd, ug/L (01127)	Iron, water, unfltrd recover -able, fltrd, ug/L (01046)	Iron, water, unfltrd recover -able, fltrd, ug/L (01045)	Lead, water, unfltrd recover -able, fltrd, ug/L (01049)	Lead, water, unfltrd recover -able, fltrd, ug/L (01051)	Lithium water unfltrd recover -able, fltrd, ug/L (01130)	Lithium water unfltrd recover -able, fltrd, ug/L (01132)
Aug 22...	.03	<.5	<.5	<.05	<.05	<.05	<.05	60	140	.08	.1	1.9	2.4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 11 of 12
 [Remark codes: <, less than.]

Date	Mangan- ese, water, unfltrd recover -able, fltrd, ug/L (01056)	Mangan- ese, water, unfltrd recover -able, fltrd, ug/L (01055)	Molyb- denum, water, unfltrd recover -able, fltrd, ug/L (01060)	Molyb- denum, water, unfltrd recover -able, fltrd, ug/L (01062)	Nickel, water, unfltrd recover -able, fltrd, ug/L (01065)	Nickel, water, unfltrd recover -able, fltrd, ug/L (01067)	Selen- ium, water, unfltrd recover -able, fltrd, ug/L (01145)	Selen- ium, water, unfltrd recover -able, fltrd, ug/L (01147)	Silver, water, unfltrd recover -able, fltrd, ug/L (01075)	Silver, water, unfltrd recover -able, fltrd, ug/L (01077)	Stront- ium, water, unfltrd recover -able, fltrd, ug/L (01080)	Stront- ium, water, unfltrd recover -able, fltrd, ug/L (01082)	Thall- ium, water, unfltrd recover -able, fltrd, ug/L (01057)
Aug 22...	16	32.4	<2	<2	<.4	<.4	<1	<1	<3	<3	232	226	<.1

011398378 PIKE HILL BROOK TRIBUTARY 2 ABOVE BROOK RD, NEAR BRADFORD, VT—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
 Part 12 of 12
 [Remark codes: <, less than.]

Date	Thall- ium, water, unfltrd (01059)	Titan- ium, water, filtrd, (01150)	Titan- ium, water, unfltrd (01152)	Vanad- ium, water, filtrd, (01085)	Vanad- ium, water, unfltrd (01087)	Ytterb- ium, water, filtrd, (01194)	Ytterb- ium, water, unfltrd (01196)	Zinc, water, water, recover -able, (01090)	Zinc, unfltrd (01092)
Aug 22...	<.1	<.5	1.4	<.5	<.5	<.005	.006	1.4	<.5